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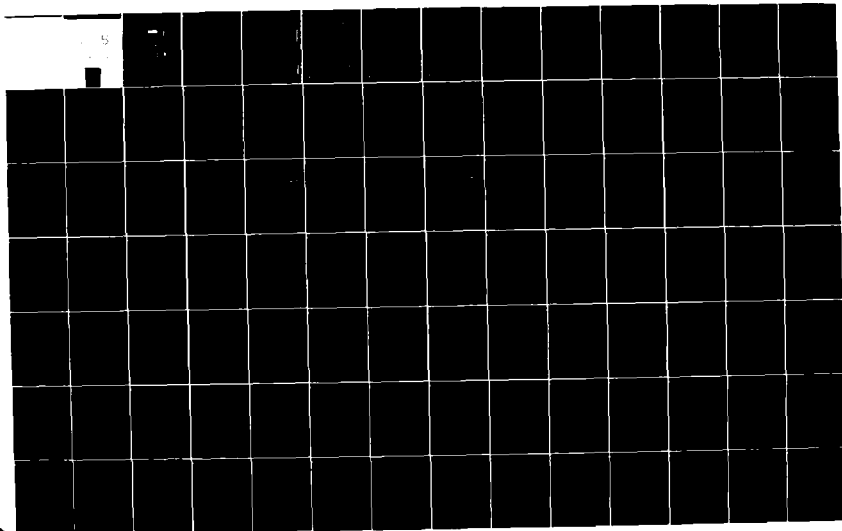
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LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(11)
APR 82

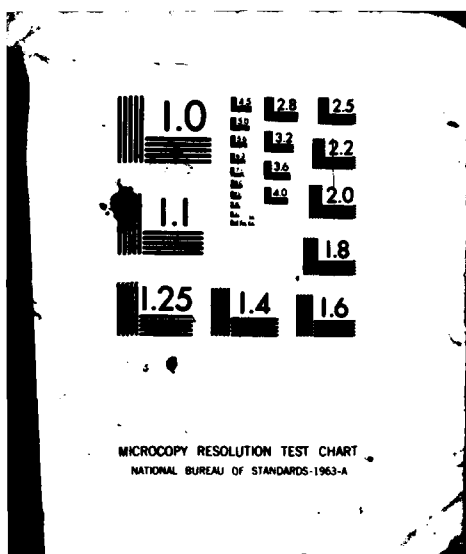
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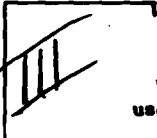


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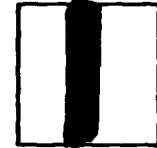
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USAFETAC
Air Weather Service (MAC)**

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

LAUGHLIN AFB TX
N 29 22 W 100 47 FLD ELEV 1082 FT MSL

MSG #722615

PARTS A-F

PCR FROM HOURLY OBS: SEP 69 - DEC 70; JAN 73 - AUG 81

PCR FROM DAILY OBS: FEB 43 - SEP 45; JUN 53 - AUG 81

TIME CONVERSION GMT TO LST: -6

APR 15 1982

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WAYNE E. MCCOLLUM,
Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGHAFF
AMS Scientific and Technical
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|--|--|---|---------|--------------------|----------------------|----------|--------------------|-----------------------|-------------|--------------------|-----------------------|---------------|---------------------|---------------------------|-------------------|----------------------|--------|
| 1. REPORT NUMBER USAFETAC/DS- 82/026 | 2. GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER | | | | | | | | | | | | | | | |
| 4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Langlin AFB, Texas | 5. TYPE OF REPORT & PERIOD COVERED Final rept. | | | | | | | | | | | | | | | | |
| 7. AUTHOR(s) | 6. PERFORMING ORG. REPORT NUMBER | | | | | | | | | | | | | | | | |
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| 11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225 | 10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS | | | | | | | | | | | | | | | | |
| 14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) | 12. REPORT DATE 15 APR 82 | | | | | | | | | | | | | | | | |
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| | 15. SECURITY CLASS. (of this report) UNCLASSIFIED | | | | | | | | | | | | | | | | |
| | 16a. DECLASSIFICATION/DOWNGRADING SCHEDULE | | | | | | | | | | | | | | | | |
| 16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited. | | | | | | | | | | | | | | | | | |
| 17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) | | | | | | | | | | | | | | | | | |
| 18. SUPPLEMENTARY NOTES | | | | | | | | | | | | | | | | | |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table> | | | *RUSSWO | Daily temperatures | Atmospheric pressure | Snowfall | Extreme snow depth | Extreme surface winds | Climatology | Sea-level pressure | Psychrometric summary | Surface Winds | Extreme temperature | Ceiling versus visibility | Relative Humidity | *Climatological data | (over) |
| *RUSSWO | Daily temperatures | Atmospheric pressure | | | | | | | | | | | | | | | |
| Snowfall | Extreme snow depth | Extreme surface winds | | | | | | | | | | | | | | | |
| Climatology | Sea-level pressure | Psychrometric summary | | | | | | | | | | | | | | | |
| Surface Winds | Extreme temperature | Ceiling versus visibility | | | | | | | | | | | | | | | |
| Relative Humidity | *Climatological data | (over) | | | | | | | | | | | | | | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Langlin AFB, Texas It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over) | | | | | | | | | | | | | | | | | |

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

TEXAS

Laughlin AFB, Texas

20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

| STATION NO OR SUMMARY 722615 | | STATION NAME LAUGHLIN AFB TEXAS/DEL RIO | | LATITUDE N 29 22 | | LONGITUDE W 100 47 | | FIELD ELEV (FT.) 1082 | | CALL SIGN DLF | | WMO NUMBER 722615 | |
|---|--------------------------------|--|------------------|---------------------|----------|-----------------------|---------------------|--------------------------|-------------|------------------|--|----------------------|--|
| STATION LOCATION AND INSTRUMENTATION HISTORY | | | | | | | | | | | | | |
| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY | | | | |
| | | | FROM | TO | | | FIELD (FT) | BY MANS. | | | | | |
| 1. | Laughlin Field, Del Rio, Texas | AAP | Mar 43 | Sep 45 | N 29 21 | W 100 47 | 1060 | 1073 | 24 | | | | |
| 2. | Del Rio, Texas | WB | Aug 46 | Apr 51 | N 29 22 | W 100 54 | Same | 991 | 18 | | | | |
| 3. | Same | Same | May 51 | Jun 53 | Same | W 100 49 | Same | 1096 | 24 | | | | |
| 4. | Laughlin AFB, Del Rio, Texas | AFB | Jul 53 | Mar 56 | Same | W 100 47 | 1081 | 1093 | 24 | | | | |
| 5. | Same | Same | Apr 56 | Nov 63 | Same | Same | Same | 1072 | 24 | | | | |
| 6. | Same | Same | Dec 63 | Jun 71 | Same | Same | Same | Same | 12 to 20 | | | | |
| 7. | Same | Same | Jul 71 | Aug 75 | Same | Same | Same | 1125 | 15 to 21 | | | | |
| 8. | Same | Same | Aug 75 | Jul 81 | Same | Same | 1082 | 1072 | 24 | | | | |
| 9. | Same | Same | Jul 81 | Dec 81 | Same | Same | Same | 1073 | 24 | | | | |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------|----------------|---|---------------------|------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1. | Mar 43 | Not Available | Anemometer | None | N/A | |
| 2. | Aug 46 | Located on Roof | Same | None | 71 ft | |
| 3. | Apr 51 | Same | Same | None | 29 ft | |
| 4. | Jul 53 | Located on Base Operations Bldg | AN/GMQ 1 | None | 40 ft | |
| 5. | Apr 57 | Located 10 ft SSE of instrument shelter | AN/GMQ 1 | None | 35 ft | |
| 6. | Oct 57 | Same | Same | ML-240 | Same | |
| 7. | Apr 58 | Dual Instrumented 1) Located 10 ft SSE of the instrument shelter 2) Located between Rwy 13R & 13L, approx. 300 ft from both sides of Rwy's. | Same | Same | 20 ft | |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------|----------------|--|---------------------|------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 8. | Apr 59 | Located 2400 ft from end of Rwy 31R and 500 ft from centerline of Rwy 31R and 31L. | AN/GMO 11 | RO-2 | 13 ft | |
| 9. | Apr 60 | Located midway between the parallel Rwy's, 3800 ft NW of the approach end of Rwy 31L | Same | Same | Same | |
| 10. | Jul 71 | Same | AN/GMO 20 | RO-362 | Same | |
| 11. | Aug 75 | Same | Same | Same | Same | |

C PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | 00-02 | .2 | 10.1 | | .3 | | 10.3 | 13.2 | .2 | | .5 | 13.7 | 622 |
| | 03-05 | | 12.4 | | .3 | | 12.4 | 16.6 | | | .3 | 16.9 | 620 |
| | 06-08 | | 14.1 | .2 | .1 | | 14.4 | 22.3 | .7 | | .2 | 23.1 | 878 |
| | 09-11 | | 12.1 | .1 | .7 | | 12.7 | 20.6 | .4 | | .4 | 21.5 | 907 |
| | 12-14 | | 7.0 | | .5 | | 7.0 | 9.6 | .6 | | .1 | 10.1 | 924 |
| | 15-17 | | 5.0 | | .3 | | 5.0 | 5.1 | .7 | | .2 | 5.9 | 921 |
| | 18-20 | | 6.6 | | .4 | .1 | 6.9 | 5.9 | .6 | | .4 | 6.9 | 807 |
| | 21-23 | | 8.1 | .3 | .4 | | 8.8 | 9.9 | .4 | | .4 | 10.3 | 754 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 9.4 | .1 | .4 | .0 | 9.7 | 12.9 | .5 | | .3 | 13.6 | 6433 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722515
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| FEB | 00-02 | | 9.1 | | | | 9.1 | 8.9 | | | .2 | 9.1 | 607 |
| | 03-05 | | 9.9 | | | | 9.9 | 12.5 | .2 | | .3 | 13.0 | 609 |
| | 06-08 | | 12.3 | | .1 | | 12.3 | 20.4 | | | .4 | 20.7 | 810 |
| | 09-11 | | 11.0 | | .5 | | 11.1 | 18.0 | .5 | | .1 | 18.3 | 835 |
| | 12-14 | | 6.9 | | .4 | | 7.2 | 7.4 | .2 | | | 7.6 | 843 |
| | 15-17 | | 6.2 | | .5 | | 6.6 | 4.9 | .2 | .1 | .4 | 5.6 | 839 |
| | 18-20 | | 6.9 | | .4 | | 7.3 | 6.1 | | | .4 | 6.5 | 752 |
| | 21-23 | .1 | 6.7 | | .4 | | 7.1 | 6.7 | | | .5 | 7.3 | 728 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .0 | 8.6 | | .3 | | 8.8 | 10.6 | .1 | .0 | .3 | 11.0 | 6023 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAR | 00-02 | | 6.3 | | | | 6.3 | 4.9 | | | 1.1 | 6.0 | 713 |
| | 03-05 | .1 | 8.3 | | | | 8.3 | 10.1 | | | 1.1 | 11.2 | 724 |
| | 06-08 | | 9.7 | | | | 9.7 | 16.3 | .8 | | 1.6 | 18.7 | 900 |
| | 09-11 | | 7.9 | | | | 7.9 | 10.8 | 1.4 | | 1.0 | 13.2 | 925 |
| | 12-14 | .2 | 4.0 | | | | 4.0 | 3.1 | .6 | | .5 | 4.3 | 930 |
| | 15-17 | .8 | 2.7 | | | | 2.7 | 1.6 | .1 | | .5 | 2.3 | 926 |
| | 18-20 | .7 | 2.8 | | | | 2.8 | 2.1 | | | 1.3 | 3.4 | 843 |
| | 21-23 | .4 | 3.2 | | | | 3.2 | 2.2 | | | 1.3 | 3.5 | 837 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 5.6 | | | | 5.6 | 6.4 | .4 | | 1.1 | 7.8 | 6798 |

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72,615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIR | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| APR | 00-02 | 3.2 | 7.9 | | | | 7.9 | 2.9 | .1 | | .4 | 3.5 | 683 |
| | 03-05 | 1.6 | 8.2 | | | | 8.2 | 7.3 | | | .1 | 7.5 | 696 |
| | 06-08 | .3 | 8.2 | | | | 8.2 | 19.3 | 2.2 | | .2 | 21.1 | 970 |
| | 09-11 | .1 | 7.6 | | | | 7.6 | 11.2 | 3.1 | | | 13.7 | 895 |
| | 12-14 | .2 | 3.8 | | | | 3.8 | 2.7 | 1.4 | | | 4.1 | 900 |
| | 15-17 | .7 | 3.0 | | | | 3.0 | 1.7 | 1.1 | | | 2.6 | 895 |
| | 18-20 | 1.2 | 2.6 | | | | 2.6 | .9 | .6 | | | 1.5 | 809 |
| | 21-23 | 3.3 | 5.8 | | | | 5.8 | 1.3 | .5 | | | 1.8 | 799 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.3 | 5.9 | | | | 5.9 | 5.9 | 1.1 | | .1 | 7.0 | 6547 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615 LAUGHLIN AFB TX
STATION

STATION NAME

70,73-81

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAY | 00-02 | 1.8 | 3.7 | | | | 3.7 | 4.4 | .8 | | | 4.7 | 655 |
| | 03-05 | 2.3 | 7.5 | | | .1 | 7.5 | 10.1 | .7 | | | 10.1 | 702 |
| | 06-08 | .9 | 10.9 | | | | 10.9 | 22.3 | 2.5 | | | 23.6 | 884 |
| | 09-11 | .3 | 8.5 | | | | 8.5 | 10.9 | 4.8 | | | 15.5 | 915 |
| | 12-14 | .5 | 2.3 | | | | 2.3 | 2.2 | 1.7 | | | 3.8 | 924 |
| | 15-17 | 2.2 | 3.0 | | | .1 | 3.0 | .2 | 1.6 | | | 1.9 | 912 |
| | 18-20 | 5.1 | 5.2 | | | .1 | 5.2 | .1 | 1.2 | | .4 | 1.6 | 810 |
| | 21-23 | 3.0 | 3.3 | | | | 3.3 | 1.7 | .9 | | .1 | 2.5 | 767 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.0 | 5.6 | | | .0 | 5.6 | 6.5 | 1.8 | | .1 | 8.0 | 6569 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HALE | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUN | 00-02 | 1.6 | 2.0 | | | | 2.0 | | | | | | 638 |
| | 03-05 | 1.0 | 3.1 | | | | 3.1 | .6 | | | | .6 | 687 |
| | 06-08 | .6 | 5.4 | | | | 5.4 | 6.4 | 2.8 | | | 9.0 | 853 |
| | 09-11 | .7 | 4.4 | | | | 4.4 | 2.8 | .7 | | .1 | 3.6 | 891 |
| | 12-14 | .7 | 2.2 | | | | 2.2 | | | | .1 | .1 | 900 |
| | 15-17 | 1.0 | 1.8 | | | | 1.8 | .2 | | | | .2 | 886 |
| | 18-20 | 1.5 | 1.6 | | | | 1.6 | | | | | | 817 |
| | 21-23 | .9 | 1.7 | | | | 1.7 | | | | .1 | .1 | 762 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.0 | 2.8 | | | | 2.8 | 1.3 | .4 | | .0 | 1.7 | 6439 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
STATION

LAUGHLIN AFB TX

STATION NAME

73, 73-81

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUL | 00-02 | .8 | 3.3 | | | | 3.3 | | | | | | 665 |
| | 03-05 | .9 | 4.7 | | | | 4.7 | .3 | | | | .3 | 704 |
| | 06-08 | .3 | 3.7 | | | | 3.7 | 1.5 | 1.6 | | | 3.1 | 881 |
| | 09-11 | .3 | 5.2 | | | | 5.2 | 1.2 | .4 | | | 1.6 | 916 |
| | 12-14 | 1.3 | 4.7 | | | | 4.7 | .6 | | | .1 | .8 | 924 |
| | 15-17 | 1.8 | 4.5 | | | | 4.5 | .4 | | | | .4 | 912 |
| | 18-20 | 2.6 | 4.8 | | | | 4.8 | .2 | | | | .2 | 859 |
| | 21-23 | 1.0 | 2.9 | | | | 2.9 | .1 | | | .1 | .2 | 805 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.1 | 4.2 | | | | 4.2 | .5 | .3 | | .0 | .8 | 6666 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
STATION

LAUGHLIN AFB TX

STATION NAME

70,73-81

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| AUG | 00-02 | .6 | 1.8 | | | | 1.8 | | .3 | | | .3 | 669 |
| | 03-05 | .1 | 2.0 | | | | 2.0 | | .4 | | | .4 | 704 |
| | 06-08 | .7 | 3.5 | | | | 3.5 | 1.1 | 2.3 | | | 3.3 | 887 |
| | 09-11 | .1 | 2.7 | | | | 2.7 | .1 | 1.8 | | | 1.9 | 924 |
| | 12-14 | .8 | 1.3 | | | | 1.3 | | .8 | | | .8 | 930 |
| | 15-17 | 1.3 | 2.1 | | | | 2.1 | | .3 | | | .3 | 917 |
| | 18-20 | .5 | 1.7 | | | | 1.7 | | .2 | | | .2 | 859 |
| | 21-23 | 1.4 | 1.6 | | | | 1.6 | | | | | | 795 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 2.1 | | | | 2.1 | .2 | .8 | | | .9 | 6685 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| SEP | 00-02 | 1.6 | 2.0 | | | | 2.0 | .9 | | | | .9 | 547 |
| | 03-05 | .3 | 4.1 | | | | 4.1 | 2.2 | .5 | | | 2.7 | 641 |
| | 06-08 | | 5.1 | | | | 5.1 | 6.6 | 3.1 | | | 9.6 | 847 |
| | 09-11 | .1 | 4.4 | | | | 4.4 | 4.5 | 1.5 | | | 6.0 | 884 |
| | 12-14 | .2 | 3.9 | | | | 3.9 | 2.1 | .8 | | | 2.9 | 894 |
| | 15-17 | 1.3 | 5.2 | | | | 5.2 | 2.5 | 1.1 | | | 3.4 | 879 |
| | 18-20 | 1.3 | 3.1 | | | | 3.1 | 1.1 | .4 | | | 1.3 | 815 |
| | 21-23 | .5 | 2.9 | | | | 2.9 | .5 | | | | .5 | 752 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 3.8 | | | | 3.8 | 2.6 | .9 | | | 3.4 | 6259 |

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| OCT | 00-02 | 1.0 | 4.0 | | | | 4.0 | 2.1 | | | 1.0 | 3.1 | 577 |
| | 03-05 | 1.1 | 4.8 | | | | 4.8 | 4.7 | | | .2 | 4.8 | 660 |
| | 06-08 | .6 | 8.0 | | | | 8.0 | 14.4 | 1.1 | | | 15.0 | 872 |
| | 09-11 | .3 | 6.5 | | | | 6.5 | 6.5 | 1.7 | | .1 | 7.8 | 909 |
| | 12-14 | .5 | 4.0 | | | | 4.0 | 2.5 | .1 | | .4 | 3.1 | 918 |
| | 15-17 | 1.2 | 4.7 | | | | 4.7 | 1.5 | .1 | | .3 | 2.0 | 909 |
| | 18-20 | .4 | 3.9 | | | | 3.9 | 1.2 | | | .5 | 1.7 | 845 |
| | 21-23 | .4 | 4.3 | | | | 4.3 | .6 | | | .5 | 1.1 | 783 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 5.0 | | | | 5.0 | 4.2 | .4 | | .4 | 4.8 | 6473 |

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| NOV | 00-02 | .8 | 6.2 | | | | 6.2 | 5.7 | | | .3 | 6.0 | 601 |
| | 03-05 | .9 | 9.2 | | | | 9.2 | 10.4 | | | .5 | 10.9 | 576 |
| | 06-08 | .5 | 11.5 | | | | 11.5 | 21.3 | .6 | | .1 | 21.8 | 840 |
| | 09-11 | .2 | 9.2 | | | | 9.2 | 15.5 | 1.2 | | | 16.5 | 867 |
| | 12-14 | .2 | 5.8 | | | | 5.8 | 4.8 | 1.0 | | | 5.8 | 891 |
| | 15-17 | .1 | 4.2 | | | | 4.2 | 2.7 | .1 | | | 2.7 | 891 |
| | 18-20 | .1 | 4.0 | | | | 4.0 | 3.3 | .1 | | .1 | 3.5 | 820 |
| | 21-23 | .3 | 4.4 | | | | 4.4 | 3.4 | | | .1 | 3.5 | 743 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 6.8 | | | | 6.8 | 8.4 | .4 | | .1 | 8.8 | 6229 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

WEATHER CONDITIONS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| DEC | 00-02 | .2 | 7.4 | | .2 | | 7.4 | 7.4 | | | | 7.4 | 620 |
| | 03-05 | .2 | 6.4 | | | | 6.4 | 12.3 | | | | 12.3 | 593 |
| | 06-08 | | 10.1 | | | | 10.1 | 20.6 | .1 | | .2 | 20.9 | 832 |
| | 09-11 | .1 | 9.1 | | | | 9.1 | 18.8 | .3 | | .5 | 19.5 | 880 |
| | 12-14 | | 4.0 | | .1 | | 4.1 | 7.0 | .6 | | .1 | 7.4 | 903 |
| | 15-17 | | 2.5 | | | | 2.5 | 3.8 | .4 | | | 3.8 | 894 |
| | 18-20 | | 4.2 | | | | 4.2 | 4.6 | .6 | | .1 | 5.1 | 809 |
| | 21-23 | | 6.0 | | | | 6.0 | 7.2 | .3 | | | 7.5 | 747 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 6.2 | | .0 | | 6.2 | 10.2 | .3 | | .1 | 10.5 | 6278 |

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFM WEATHER SERVICE/HAC

WEATHER CONDITIONS

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

69-70,73-81
 YEARS

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | ALL | .0 | 9.4 | .1 | .4 | .0 | 9.7 | 12.9 | .5 | | .3 | 13.6 | 6433 |
| FEB | | .0 | 8.6 | | .3 | | 8.8 | 10.6 | .1 | .0 | .3 | 11.0 | 6023 |
| MAR | | .3 | 5.6 | | | | 5.6 | 6.4 | .4 | | 1.1 | 7.8 | 6798 |
| APR | | 1.3 | 5.9 | | | | 5.9 | 5.9 | 1.1 | | .1 | 7.0 | 6547 |
| MAY | | 2.0 | 5.6 | | | .0 | 5.6 | 6.5 | 1.8 | | .1 | 8.0 | 6569 |
| JUN | | 1.0 | 2.8 | | | | 2.8 | 1.3 | .4 | | .0 | 1.7 | 6434 |
| JUL | | 1.1 | 4.2 | | | | 4.2 | .5 | .3 | | .0 | .8 | 6666 |
| AUG | | .7 | 2.1 | | | | 2.1 | .2 | .8 | | | .9 | 6685 |
| SEP | | .7 | 3.8 | | | | 3.8 | 2.6 | .9 | | | 3.4 | 6259 |
| OCT | | .7 | 5.0 | | | | 5.0 | 4.2 | .4 | | .4 | 4.8 | 6473 |
| NOV | | .4 | 6.8 | | | | 6.8 | 8.4 | .4 | | .1 | 8.8 | 6229 |
| DEC | | .1 | 6.2 | | .0 | | 6.2 | 10.2 | .3 | | .1 | 10.5 | 6278 |
| TOTALS | | .7 | 5.5 | .0 | .1 | .0 | 5.5 | 5.8 | .6 | .0 | .2 | 6.5 | 77394 |

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WEAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

CLIMATE CLIMATOLOGY BRANCH
 15LTAC
 AIR WEATHER SERVICE/HAC

XX **WEATHER CONDITIONS** XX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

702115 LAUGHLIN AFB TX 53-51 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | DAILY | .0 | 33.2 | 1.2 | 1.0 | .1 | 33.5 | 34.6 | 2.9 | | | 34.7 | 855 |
| FEB | | 1.3 | 29.3 | .1 | 1.7 | | 30.0 | 26.3 | 2.7 | .1 | .4 | 29.5 | 784 |
| MAR | | 3.7 | 26.7 | | .5 | .7 | 27.1 | 23.4 | 4.5 | | .6 | 26.3 | 864 |
| APR | | 12.1 | 34.6 | | | 1.0 | 34.6 | 24.3 | 7.3 | | .6 | 26.3 | 836 |
| MAY | | 18.4 | 40.0 | | | 1.7 | 40.0 | 20.6 | 6.5 | | | 24.2 | 853 |
| JUN | | 11.3 | 26.4 | | | .4 | 28.4 | 8.0 | 2.9 | | .4 | 9.6 | 842 |
| JUL | | 9.5 | 19.5 | | | .2 | 19.5 | 3.0 | 1.1 | | .4 | 4.4 | 691 |
| AUG | | 9.6 | 21.6 | | | .1 | 21.6 | 3.6 | 2.2 | | .6 | 5.3 | 699 |
| SEP | | 6.6 | 28.7 | | | .1 | 28.7 | 10.2 | 5.2 | | | 13.2 | 834 |
| OCT | | 6.5 | 28.2 | | | .1 | 28.2 | 20.6 | 2.9 | | | 21.5 | 666 |
| NOV | | 1.3 | 25.0 | | .5 | | 28.1 | 27.3 | 2.7 | | | 27.6 | 930 |
| DEC | | .9 | 30.6 | .4 | .5 | | 30.6 | 29.0 | 2.8 | | .1 | 29.4 | 846 |
| TOTALS | | 7.0 | 29.1 | .1 | .4 | .4 | 29.2 | 19.4 | 3.6 | .0 | .3 | 21.1 | 1225 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

C PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

B

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

| | | |
|-----------------------------|-------|--|
| EXTREME DAILY PRECIPITATION | ".00" | equals none for the month (hundredths) |
| EXTREME DAILY SNOWFALL | ".0" | equals none for the month (tenths) |
| EXTREME DAILY SNOW DEPTH | "0" | equals none for the month (whole inches) |

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

C Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
Jan 46-May 57 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

722615
STATIONLAUGHLIN AFB TX
STATION NAME43-45, 53-63, 68-81
YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|---------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|------|---|----------------------------|-----------------------------|-------|--|
| PRECIP. | NONE | TRACE | .01 | .02-.03 | .04-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | MEAN | | | GREATEST | LEAST | |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-30.4 | OVER 30.4 | | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-49 | 49-60 | 61-120 | OVER 120 | | | | | | |
| JAN | 63.5 | 17.7 | 3.5 | 8.6 | 2.5 | 2.3 | 1.0 | .6 | .3 | | | | | 18.8 | 775 | .66 | 4.25 | TRACE | |
| FEB | 66.6 | 18.5 | 2.3 | 4.2 | 2.3 | 2.4 | 1.7 | 1.3 | .8 | | | | | 15.0 | 709 | .92 | 2.23 | TRACE | |
| MAR | 71.0 | 16.5 | 2.6 | 3.3 | 1.8 | 2.8 | 1.0 | .6 | .4 | | | | | 12.5 | 794 | .66 | 2.63 | TRACE | |
| APR | 63.2 | 20.5 | 2.2 | 3.8 | 1.8 | 1.7 | 2.2 | 2.4 | 1.8 | .4 | | | | 16.3 | 780 | 2.03 | 7.89 | TRACE | |
| MAY | 56.7 | 21.2 | 2.4 | 6.0 | 2.5 | 3.4 | 3.2 | 2.2 | 2.2 | .1 | .1 | | | 22.2 | 803 | 2.58 | 8.62 | .02 | |
| JUN | 67.7 | 16.7 | 1.4 | 3.1 | 1.4 | 2.0 | 2.2 | 2.3 | 2.9 | .4 | | | | 15.6 | 786 | 2.69 | 8.54 | .03 | |
| JUL | 78.7 | 9.4 | 1.3 | 1.9 | .8 | 3.1 | .7 | 1.9 | 1.1 | .7 | .2 | | | 11.8 | 837 | 2.34 | 15.17 | TRACE | |
| AUG | 69.2 | 14.6 | 2.2 | 4.7 | 2.5 | 2.5 | 1.1 | 1.5 | 1.4 | .2 | | | | 16.1 | 806 | 1.58 | 7.49 | .01 | |
| SEP | 69.4 | 13.4 | 1.1 | 3.7 | 2.1 | 3.6 | 2.9 | 2.2 | 1.2 | .2 | | | | 17.2 | 803 | 1.88 | 7.61 | .02 | |
| OCT | 68.0 | 16.0 | 1.2 | 3.2 | 1.7 | 2.1 | 2.2 | 3.0 | 1.6 | .7 | .1 | | | 16.0 | 806 | 2.74 | 8.37 | TRACE | |
| NOV | 68.7 | 17.2 | 2.1 | 3.7 | 1.7 | 3.1 | 1.3 | 1.5 | .6 | .1 | | | | 14.1 | 780 | 1.03 | 5.90 | TRACE | |
| DEC | 67.5 | 17.3 | 3.8 | 5.5 | 1.2 | 2.6 | 1.3 | .6 | .3 | | | | | 15.2 | 782 | .56 | 1.91 | TRACE | |
| ANNUAL | 67.5 | 16.6 | 2.2 | 4.3 | 1.9 | 2.6 | 1.7 | 1.7 | 1.2 | .2 | .0 | | | 15.9 | 9461 | 19.67 | ✕ | ✕ | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX

43-45, 53-63, 68-81

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 43 | | *.41* | .78 | 2.04 | 1.74 | 2.92 | 1.66 | TRACE | 1.01 | .93 | 1.17 | .65 | |
| 44 | 1.28 | 1.95 | .21 | 1.36 | .56 | 1.48 | .21 | 1.60 | 1.14 | 4.24 | 1.35 | .99 | 4.24 |
| 45 | .71 | .46 | 1.04 | .48 | .55 | .89 | .18 | .56* | .30 | | | | |
| 53 | | | | | | *.25 | .15 | .46 | 3.70 | .78 | TRACE | .30 | |
| 54 | .08 | TRACE | TRACE | 1.24 | 1.77 | 1.51 | .23 | .64 | 1.15 | 1.55 | .01 | .01 | 1.77 |
| 55 | .13 | .28 | .87 | TRACE | .45 | 1.28 | .67 | .43 | .71 | .30 | .66 | .20 | 1.28 |
| 56 | .07 | .65 | .01 | .05 | .02 | .03 | .01 | .12 | .35 | 2.79 | .01 | .05 | 2.79 |
| 57 | .07 | .38 | 1.50 | 2.62 | 2.22 | .47 | TRACE | TRACE | 1.91 | 2.91 | .14 | .32 | 2.91 |
| 58 | 2.07 | .69 | .37 | .21 | 5.72 | 2.31 | 2.60 | 1.00 | 2.07 | 1.18 | .12 | .03 | 5.72 |
| 59 | .02 | .32 | TRACE | 1.43 | 3.03 | 2.12 | .87 | .05 | 1.28 | 2.77 | .27 | .51 | 3.03 |
| 60 | .15 | 1.04 | .38 | .21 | .45 | .06 | .69 | 1.34 | 1.76 | 1.52 | .22 | 1.05 | 1.76 |
| 61 | .63 | .62 | .07 | .73 | .11 | 4.67 | 2.48 | 3.74 | .34 | 1.51 | .31 | .11 | 4.67 |
| 62 | .13 | .09 | .24 | 1.35 | .57 | 1.02 | .72 | .07 | .53 | 1.34 | .43 | .14 | 1.35 |
| 63 | .01 | 1.41 | .01 | 1.38 | 1.74 | .58 | .35 | TRACE | .60 | .42 | .25* | TRACE | 1.74 |
| 68 | | | | | | | | .61* | .66 | .92 | .69 | .04 | |
| 69 | .35 | 1.53 | .54 | 3.37* | 1.38 | .28 | 3.23 | 2.77 | .62 | 3.60 | 1.18 | .31 | 3.60 |
| 70 | .37 | .94 | .15 | .03 | 1.58 | .64 | .01 | 1.39 | 4.61 | .06 | TRACE | .04 | 4.61 |
| 71 | TRACE | .20 | TRACE | .73 | .57 | 1.83 | .23 | 2.75 | .21 | 1.04 | .03 | .13 | 2.75 |
| 72 | .18 | .03 | .17 | .53 | .94 | .64 | 1.69 | 1.75 | .40 | .18 | .52 | .03 | 1.75 |
| 73 | .34 | .52 | .33 | .32 | .05 | 1.98 | 3.22 | .25 | .57 | 2.67 | .01 | TRACE | 3.22 |
| 74 | .02 | TRACE | .50 | 1.02 | 1.02 | .07 | .11 | 1.60 | .34 | 1.15 | .45* | 1.20 | 1.60 |
| 75 | .22 | 1.17 | .04 | 1.15 | 1.25 | 1.16 | 6.46 | .64 | .43 | .68 | .02 | .28 | 6.46 |
| 76 | .12 | .01 | .08 | 1.46 | 1.69 | 1.04 | 3.12 | .08 | 1.21 | .97 | .51 | .91 | 3.12 |
| 77 | .37 | 1.02 | .25 | 1.14 | 1.12 | 1.67 | 1.04 | .11 | .11 | 5.80 | 1.15 | .03 | 5.80 |
| 78 | .02 | .25 | .26 | .46 | 2.04 | 1.89 | 1.98 | 2.36 | .85 | .36 | 2.84 | .41 | 2.84 |
| 79 | .08 | .45 | 1.61 | 1.00 | .39 | 3.00 | .07 | .20 | .02 | TRACE | .33 | .23 | 3.00 |
| 80 | .06 | .15 | .04 | .31 | 1.60 | .11 | .18 | .77 | .24 | .08 | .99 | .24 | 1.60 |
| 81 | .36 | .10 | .43 | .95 | .62 | 2.00 | .15 | 1.40 | | | | | |
| MEAN | .314 | .570 | .364 | .983 | 1.272 | 1.371 | 1.197 | .953 | 1.046 | 1.529 | .523 | .292 | 3.234 |
| S.D. | .465 | .533 | .446 | .804 | 1.201 | 1.091 | 1.516 | .997 | 1.094 | 1.437 | .633 | .315 | 1.547 |
| TOTAL OBS | 775 | 709 | 794 | 780 | 803 | 786 | 837 | 868 | 803 | 806 | 780 | 782 | 9523 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
AR 64

0-88-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX
STATION STATION NAME

43-45, 53-63, 68-81
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 43 | | *.65* | .78 | 2.04 | 2.57 | 3.25 | 2.47 | TRACE | 2.62 | 1.14 | 2.58 | 1.34 | |
| 44 | 1.98 | 2.18 | .59 | 1.36 | 2.40 | 1.84 | .21 | 5.87 | 2.43 | 4.77 | 1.73 | 1.91 | 27.27 |
| 45 | .88 | 1.10 | 1.99 | .53 | .56 | 1.22 | .42 | .74* | .30 | | | | |
| 53 | | | | | | .25 | .15 | 1.42 | 5.42 | 1.56 | TRACE | .33 | |
| 54 | .33 | TRACE | TRACE | 3.70 | 2.98 | 3.98 | .44 | .66 | 1.37 | 1.83 | .02 | .01 | 15.32 |
| 55 | .44 | .38 | .89 | TRACE | 1.57 | 1.76 | 2.11 | 1.46 | .91 | .30 | 1.28 | .20 | 11.30 |
| 56 | .15 | .88 | .01 | .07 | .02 | .03 | .01 | .12 | .47 | 2.80 | .01 | .09 | 4.60 |
| 57 | .27 | .89 | 2.63 | 7.32 | 6.63 | 1.03 | TRACE | TRACE | 3.40 | 4.68 | .84 | .77 | 28.46 |
| 58 | 4.25 | 1.74 | 1.07 | .44 | 8.62 | 5.38 | 3.54 | 1.34 | 4.41 | 3.82 | .31 | .09 | 35.01 |
| 59 | .03 | .44 | TRACE | 2.86 | 5.08 | 6.35 | 1.63 | .12 | 1.57 | 6.11 | .54 | .82 | 25.55 |
| 60 | .50 | 2.18 | .66 | .45 | .57 | .13 | 2.37 | 2.16 | 2.47 | 4.14 | .36 | 1.88 | 17.87 |
| 61 | 1.80 | .65 | .11 | .78 | .30 | 8.54 | 5.21 | 3.82 | .56 | 3.09 | .67 | .32 | 25.85 |
| 62 | .35 | .29 | .32 | 3.08 | .58 | 2.27 | .72 | .12 | .92 | 2.08 | .68 | .48 | 11.89 |
| 63 | .01 | 2.23 | .01 | 1.61 | 4.43 | 1.30 | .35 | TRACE | 1.16 | .75 | .65* | TRACE | *12.50 |
| 68 | | | | | | | | 1.25* | 1.51 | 1.23 | 1.88 | .07 | |
| 69 | .53 | 1.74 | .72 | 7.89* | 2.64 | .33 | 3.23 | 4.04 | 1.49 | 8.37 | 3.34 | 1.03 | *35.35 |
| 70 | .55 | 1.80 | .62 | .03 | 2.63 | 1.62 | .01 | 1.91 | 7.61 | .08 | TRACE | .08 | 16.94 |
| 71 | TRACE | .21 | TRACE | .84 | 1.14 | 5.96 | .25 | 7.49 | .81 | 2.54 | .06 | .26 | 19.56 |
| 72 | .50 | .03 | .20 | 1.09 | 1.63 | 1.39 | 2.08 | 6.17 | .80 | .42 | .95 | .08 | 15.34 |
| 73 | .72 | 1.52 | .77 | .52 | .08 | 3.98 | 4.43 | .33 | 1.74 | 6.13 | .01 | TRACE | 20.23 |
| 74 | .12 | TRACE | .74 | 1.18 | 2.05 | .07 | .14 | 2.50 | 1.09 | 2.45 | .72* | 1.28 | *12.34 |
| 75 | .54 | 1.65 | .04 | 1.96 | 3.96 | 2.06 | 12.68 | .97 | 1.49 | 1.15 | .02 | .67 | 27.19 |
| 76 | .12 | .01 | .15 | 4.67 | 3.45 | 1.88 | 15.17 | .08 | 1.93 | 3.26 | .74 | 1.39 | 32.85 |
| 77 | 1.17 | 1.04 | .52 | 3.53 | 3.22 | 1.92 | 1.04 | .15 | .15 | 7.89 | 1.29 | .05 | 21.97 |
| 78 | .09 | .41 | .29 | .66 | 4.61 | 2.73 | 3.98 | 2.46 | 1.83 | .52 | 5.90 | .85 | 24.33 |
| 79 | .28 | 1.04 | 2.59 | 1.33 | .93 | 5.11 | .07 | .33 | .02 | TRACE | .50 | .36 | 12.56 |
| 80 | .17 | .20 | .10 | .35 | 3.21 | .11 | .18 | 1.01 | .39 | .08 | 1.81 | .44 | 8.05 |
| 81 | .66 | .30 | 1.38 | 4.43 | 1.32 | 5.80 | .28 | 1.40 | | | | | |
| MEAN | .658 | .916 | .656 | 2.028 | 2.582 | 2.694 | 2.340 | 1.711 | 1.882 | 2.738 | 1.034 | .563 | 20.110 |
| S.D. | .902 | .762 | .765 | 2.134 | 2.132 | 2.285 | 3.691 | 2.026 | 1.752 | 2.404 | 1.307 | .579 | 8.229 |
| TOTAL OBS | 775 | 709 | 794 | 780 | 803 | 786 | 837 | 868 | 803 | 806 | 780 | 782 | 9523 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

53-63, 68-81
YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|---------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|------|---|----------------------------|-----------------------------|-------|--|
| PRECIP. | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | MEAN | | | GREATEST | LEAST | |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | | |
| JAN | 98.2 | 1.8 | | | | | | | | | | | | | 713 | TRACE | TRACE | .0 | |
| FEB | 98.3 | 1.7 | .2 | | | | | .2 | | | | | | .3 | 649 | .3 | 5.5 | .0 | |
| MAR | 99.9 | .1 | | | | | | | | | | | | | 713 | TRACE | TRACE | .0 | |
| APR | 100.0 | | | | | | | | | | | | | | 690 | .0 | .0 | .0 | |
| MAY | 100.0 | | | | | | | | | | | | | | 713 | .0 | .0 | .0 | |
| JUN | 100.0 | | | | | | | | | | | | | | 696 | .0 | .0 | .0 | |
| JUL | 100.0 | | | | | | | | | | | | | | 744 | .0 | .0 | .0 | |
| AUG | 100.0 | | | | | | | | | | | | | | 744 | .0 | .0 | .0 | |
| SEP | 100.0 | | | | | | | | | | | | | | 719 | .0 | .0 | .0 | |
| OCT | 100.0 | | | | | | | | | | | | | | 743 | .0 | .0 | .0 | |
| NOV | 99.4 | .6 | | | | | | | | | | | | | 720 | TRACE | TRACE | .0 | |
| DEC | 99.7 | .3 | | | | | | | | | | | | | 720 | TRACE | TRACE | .0 | |
| ANNUAL | 99.5 | .5 | .0 | | | | | .0 | | | | | | .0 | 8564 | .3 | X | X | |

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

EXTREME VALUES SNOWFALL

(FROM DAILY OBSERVATIONS)

722615 STATION LAUGHLIN AFB TX

53-63, 68-81 YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|---------------|
| 53 | | | | | | * | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 54 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 55 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 56 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 57 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 58 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 59 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 60 | .0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .3 |
| 61 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 62 | TRACE | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 63 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 68 | | | | | | | | * | .0 | .0 | .0 | .0 | |
| 69 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 70 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 71 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | * | .0 | .0 | .0 |
| 72 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 73 | TRACE | 5.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 |
| 74 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | * |
| 75 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 76 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 77 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 78 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 79 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 80 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 81 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | |
| MEAN | TRACE | .25 | TRACE | .00 | .00 | .00 | .00 | .00 | .00 | .00 | TRACE | TRACE | .31 |
| S.D. | .000 | 1.146 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.260 |
| TOTAL OBS | 713 | 669 | 713 | 690 | 713 | 696 | 744 | 775 | 719 | 743 | 720 | 720 | 8598 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

2

(FROM DAILY OBSERVATIONS)

53-63, 68-81

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OL A)
JUL 64

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

43-45, 53-81
YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|--------|------------------|-------|--------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|----------|---|--------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | 01 | 02-05 | 06-10 | 11-25 | 26-30 | 31-50 | 51-75 | 76-100 | 101-125 | 126-150 | 151-200 | OVER 200 | | | MEAN | GREATEST | LEAST |
| ANNUAL | NONE | TRACE | 01-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | | |
| JAN | 99.7 | .5 | .1 | .1 | | | | | | | | | | .2 | 918 | | | | |
| FEB | 99.5 | .2 | | | .1 | .1 | | | | | | | | .2 | 845 | | | | |
| MAR | 100.0 | | | | | | | | | | | | | | | 940 | | | |
| APR | 100.0 | | | | | | | | | | | | | | | 922 | | | |
| MAY | 100.0 | | | | | | | | | | | | | | | 953 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | | 928 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | | 980 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | | 981 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | | 918 | | | |
| OCT | 100.0 | | | | | | | | | | | | | | | 920 | | | |
| NOV | 100.0 | | | | | | | | | | | | | | | 887 | | | |
| DEC | 100.0 | | | | | | | | | | | | | | | 901 | | | |
| ANNUAL | 99.9 | .2 | .0 | .0 | .0 | .0 | | | | | | | | .0 | 11093 | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX

43-45, 53-81

YEARS

DAILY SNOW DEPTH IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|------|------|-----|------|------|------|------|------|------|------|---------------|
| 43 | | * | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 44 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0 | |
| 53 | | | | | | * | 0 | 0 | 0 | 0 | 0 | 0 | |
| 54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 60 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 61 | TRACE | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 64 | * | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | |
| 65 | * | 0 | 0 | 0 | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | |
| 66 | * | 0* | 0 | 0 | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | |
| 67 | * | 0* | 0 | 0 | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | |
| 68 | * | 0 | 0 | 0 | 0* | 0* | 0* | 0* | 0* | 0* | 0* | 0* | |
| 69 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 54 0-88-5 (OL A)

5

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX
STATION STATION NAME

43-45, 53-01 YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 8-64 0-82-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX
STATION STATION NAME

57-63, 65-81
YEARS

DAILY PEAK GUSTS IN KNOTS

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---------------|-----------|--------|-------|----------|--------|--------|-------|---------|--------|----------|-------|-------|---------------|
| 57 | | | | | | | | | | NW *22NW | 35SE | 32 | |
| 58 | NW 40W | 50NW | 30NW | 40NE | 40NE | 36S | 40SE | 32E | 32NW | 18N | 30SE | *12 | W 50 |
| 59 | | | | NNW*36NE | 44SE | 21NW | 32ENE | 35SE | 30WSW | 42S | 34NW | 36 | |
| 60 | NW 29NW | 44NNW | 31SE | 33NNW | 36SE | 38NNW | 40SE | 29N | 51SSW | 35N | 28NNW | 31 | N 51 |
| 61 | N 35NW | 37N | 41N | 39NE | 33NW | 36WSW | 31NE | 32WNW | 31N | *30NW | *43NW | *25 | NW *43 |
| 62 | NNW*35WNW | 30NW | 44N | 52ESE | 47NNE | 39SSW | 35SE | 36S | *37E | *32NNW | *31N | *29 | N 52 |
| 63 | NNW*35NW | *37NNE | *35SE | *28NNW | *51ESE | *34SE | *37SE | *37E | *31SSE | *28NNE | *38N | *23 | NNW*51 |
| 65 | | | | | | | | ESE 34S | 34NW | 31N | 23ESE | *27 | |
| 66 | SSE 32WNW | 39N | 36W | 55WNW | 44N | 31E | 26NNE | 34N | 39NNE | 31NNE | 35NW | 36 | W 55 |
| 67 | NW 33WNW | 42N | 44WSW | 37N | 31SSW | 45E | 62NNE | 41NNE | 34NW | 54NW | 40NNW | 36 | E 62 |
| 68 | NW 34N | 44NNW | 44N | *53N | 33ENE | 7111/ | 3621/ | 4730/ | 3411/ | 2935/ | 3528/ | 48 | ENE 71 |
| 69 | 33/ | 3135/ | 3227/ | 4331/ | 5833/ | 4313/ | 3312/ | 3310/ | 46 2/ | 3427* | 3734* | 3931/ | 49 31/ 58 |
| 70 | 34/ | 3331/ | 3436/ | 3835/ | 3731/ | 72 4/ | 6413/ | 2913/ | 7333/ | 4834/ | 4034/ | 4634/ | 31 13/ 73 |
| 71 | 33/ | 3532/ | 4634/ | 4711/ | 4833/ | 4313/ | 4017/ | 2510/ | 3612/ | 37 5/ | 3334/ | 3232/ | 44 11/ 48 |
| 72 | 36/ | 3636/ | 3736/ | 3729/ | 4033/ | 46 3/ | 3417/ | 3816/ | 3136/ | 5133/ | 3531/ | 3932/ | 32 36/ 51 |
| 73 | 29/ | 4733/ | 2934/ | 4233/ | 3635/ | 4014* | 5025/ | 5114/ | 3836/ | 3433/ | 37 1/ | 3630/ | 53 30/ 53 |
| 74 | 32/ | 3130/ | 5030/ | 4332/ | 4328/ | 46 7/ | 3012/ | 42 1/ | 3333/ | 4830/ | 3834/ | 3231/ | 31 30/ 50 |
| 75 | 33/ | 4132/ | 4033/ | 3836/ | 3422/ | 4012/ | 3912/ | 31 4/ | 2710/ | 3514/ | 2534/ | 3234/ | 30 33/ 41 |
| 76 | 35/ | 3736/ | 3032/ | 2834/ | 5030/ | 3721/ | 4218/ | 3811/ | 3011/ | 27 1/ | 2936/ | 2516/ | 28 34/ 50 |
| 77 | 35/ | 3333/ | 4231/ | 34 4/ | 3316/ | 3411/ | 33 2/ | 40 6/ | 2936/ | 31 3/ | 3234/ | 3236/ | 25 33/ 42 |
| 78 | 33/ | 4130/ | 3631/ | 39 8/ | 3430/ | 6634* | 30 4/ | 48 1/ | 34 6/ | 2815/ | 22 9/ | 3034/ | 27 30/ 66 |
| 79 | 31/ | 4633/ | 3535/ | 3236/ | 3413/ | 25 2/ | 2911/ | 2130/ | 4510/ | 3031/ | 3731/ | 29 1/ | 33 31/ 46 |
| 80 | 34/ | 2734/ | 3132/ | 4235/ | 3612/ | 57 9/ | 2512/ | 3013/ | 33 7/ | 3632/ | 2630/ | 2933/ | 27 12/ 57 |
| 81 | 34/ | 2235/ | 3228/ | 3433/ | 3811/ | 3215/ | 3615/ | 2513/ | 22 | | | | |
| MEAN | 34.9 | 38.0 | 38.4 | 40.9 | 42.3 | 38.0 | 35.9 | 36.2 | 36.2 | 33.0 | 32.7 | 34.9 | 52.2 |
| S.D. | 6.190 | 6.577 | 5.451 | 7.859 | 11.346 | 11.940 | 9.655 | 10.230 | 7.438 | 8.175 | 5.363 | 8.207 | 8.830 |
| TOTAL OBS | 627 | 581 | 638 | 639 | 669 | 634 | 671 | 707 | 640 | 668 | 653 | 633 | 7760 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-5 (OLA) (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM 7-10.1
 WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 70, 73, 75-81 MONTH JAN
 CLASS ALL WEATHER
 CONDITION 0800-2400
 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.2 | 3.2 | 2.1 | 1.4 | .5 | | | | | | | 11.4 | 6.4 |
| NNE | 2.6 | 4.2 | .6 | | | | | | | | | 7.7 | 4.0 |
| NE | 1.0 | 1.8 | .3 | | | | | | | | | 4.1 | 3.7 |
| ENE | 1.3 | .6 | .2 | | | | | | | | | 2.1 | 3.4 |
| E | 3.2 | 6.3 | 1.3 | | | | | | | | | 13.9 | 4.4 |
| ESE | 2.4 | 6.4 | 4.8 | 1.4 | | | | | | | | 16.1 | 6.3 |
| SE | 1.6 | 4.2 | 4.5 | 1.0 | | | | | | | | 11.3 | 6.3 |
| SSE | .6 | .8 | 1.0 | | | | | | | | | 2.4 | 5.7 |
| S | .5 | .3 | | | | | | | | | | 1.1 | 2.3 |
| SSW | .6 | .3 | | | | | | | | | | 1.0 | 3.0 |
| SW | .2 | | | | | | | | | | | .2 | 3.0 |
| WSW | .2 | .3 | | .2 | | | | | | | | .6 | 6.0 |
| W | .3 | .3 | | | .2 | | | | | | | .6 | 6.8 |
| WNW | .6 | 1.6 | .5 | | | | | | | | | 2.7 | 5.1 |
| NW | .2 | 2.1 | 1.1 | .3 | | | | | | | | 3.7 | 6.6 |
| NNW | 1.4 | 1.0 | 1.4 | 2.1 | .5 | | | | | | | 6.4 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.7 | |
| | 23.5 | 33.4 | 17.8 | 6.4 | 1.1 | | | | | | | 100.7 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 822

3429

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702615 STATION LAUGHLIN AFB TX STATION NAME 70,73,76-81 YEARS JAN MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 6.5 | 4.0 | 2.3 | 2.1 | | | | | | | | 14.8 | 5.6 |
| NNE | 4.5 | 3.2 | .2 | .2 | | | | | | | | 8.1 | 3.5 |
| NE | 1.2 | .8 | .5 | .3 | | | | | | | | 3.4 | 4.9 |
| ENE | 1.8 | 1.6 | .2 | | | | | | | | | 3.5 | 3.6 |
| E | 2.7 | 4.8 | 1.0 | | | | | | | | | 6.5 | 4.5 |
| ESE | 1.5 | 6.9 | 6.3 | .5 | | | | | | | | 15.2 | 6.5 |
| SE | 1.9 | 4.0 | 3.2 | 1.0 | | | | | | | | 10.2 | 6.1 |
| SSE | .5 | 1.7 | .8 | .2 | | | | | | | | 2.4 | 6.4 |
| S | 1.1 | | | | | | | | | | | 1.1 | 1.7 |
| SSW | .2 | | | .2 | | | | | | | | .3 | 7.5 |
| SW | .5 | .3 | | | | | | | | | | .6 | 2.8 |
| WSW | .2 | | | | | | | | | | | .2 | 1.0 |
| W | .5 | .5 | .2 | | | | | | | | | 1.1 | 4.1 |
| WNW | 1.3 | 2.4 | .6 | .2 | | | | | | | | 4.5 | 4.9 |
| NW | 1.9 | 1.8 | 1.6 | .8 | .2 | | | | | | | 6.3 | 6.3 |
| NNW | 1.9 | .6 | 1.3 | 1.9 | | | | | | | | 5.8 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.9 | |
| | 20.7 | 31.9 | 18.1 | 7.3 | .2 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 620

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

000015 LAUGHLIN AFB TX 70.73-81 JAN
 STATION STATION NAME YEAR MONTH
 ALL WEATHER
 CLASS
 CONDITION
 0600-0800
 HOUR (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.9 | 4.0 | 1.3 | 1.6 | | | | | | | | 10.7 | 5.4 |
| NNE | 2.3 | 1.3 | .2 | .6 | | | | | | | | 4.9 | 4.6 |
| NE | 3.0 | 1.6 | .1 | | | | | | | | | 4.7 | 3.2 |
| ENE | 1.6 | 1.3 | .1 | | | | | | | | | 3.2 | 3.3 |
| E | 2.3 | 5.9 | 1.7 | .1 | | | | | | | | 10.0 | 4.8 |
| ESE | 2.8 | 4.7 | 4.0 | .9 | | | | | | | | 12.4 | 5.9 |
| SE | 1.1 | 3.9 | 3.3 | 1.1 | | | | | | | | 9.5 | 6.7 |
| SSE | .7 | .8 | .5 | | | | | | | | | 1.9 | 4.6 |
| S | .5 | .1 | | | | | | | | | | .6 | 2.6 |
| SSW | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| SW | | | | | | | | | | | | | |
| WSW | .1 | .1 | | | | | | | | | | .2 | 2.5 |
| W | .6 | .9 | | .1 | | | | | | | | 1.6 | 4.4 |
| WNW | 1.7 | 3.0 | 1.6 | 1.1 | .2 | | | | | | | 7.6 | 6.8 |
| NW | 2.6 | 3.8 | 2.5 | .8 | .3 | | | | | | | 10.0 | 6.1 |
| NNW | 1.5 | 1.7 | 3.0 | 1.9 | .1 | .1 | | | | | | 8.3 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.0 | |
| | 25.1 | 33.6 | 18.2 | 8.3 | .7 | .1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70.73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.7 | 1.7 | 1.5 | .7 | .4 | | | | | | 7.2 | 9.7 |
| NNE | .7 | .6 | 1.0 | .2 | | | | | | | | 2.4 | 6.2 |
| NE | 1.7 | .4 | .2 | .1 | | | | | | | | 1.3 | 4.3 |
| ENE | .6 | 1.3 | .4 | | | | | | | | | 2.3 | 5.1 |
| E | 1.3 | 2.3 | 1.8 | .3 | | | | | | | | 5.7 | 5.9 |
| ESE | 1.9 | 4.7 | 6.4 | 1.7 | | | | | | | | 14.7 | 7.0 |
| SE | 1.4 | 4.6 | 6.8 | 1.8 | | | | | | | | 14.7 | 7.3 |
| SSE | 1.2 | 2.1 | 2.4 | 1.0 | | | | | | | | 6.7 | 6.7 |
| S | .2 | .7 | .4 | | | | | | | | | 1.3 | 5.4 |
| SSW | | .3 | | | | | | | | | | .3 | 4.7 |
| SW | .1 | .2 | | | | | | | | | | .3 | 3.3 |
| WSW | .3 | | | | | | | | | | | .3 | 2.3 |
| W | 1.4 | .7 | .3 | .1 | .1 | | | | | | | 2.6 | 4.8 |
| WNW | 1.9 | 1.3 | 1.7 | .1 | .6 | .1 | | | | | | 5.6 | 7.1 |
| NW | 1.8 | 1.9 | 3.3 | 1.3 | .3 | .2 | .1 | | | | | 8.9 | 8.4 |
| NNW | 1.3 | 1.7 | 2.9 | 3.3 | 1.3 | .7 | | | | | | 11.4 | 10.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.7 | |
| | 16.3 | 24.7 | 29.3 | 11.5 | 3.0 | 1.4 | .1 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS

907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 122615 LAUGHLIN AFB TX STATION NAME 70.73-81 YEARS JAN
CLASS ALL WEATHER MONTHS (L.S.T.) 1200-1400
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.6 | 2.1 | 2.2 | .6 | .4 | | | | | | 7.9 | 10.1 |
| NNE | .1 | .4 | | .1 | | | | | | | | .6 | 5.3 |
| NE | .3 | .3 | | | | | | | | | | .6 | 3.7 |
| ENE | .4 | .6 | .6 | | | | | | | | | 1.7 | 5.4 |
| E | 1.4 | .8 | .4 | .6 | | | | | | | | 3.2 | 5.6 |
| ESE | 1.0 | 3.1 | 3.6 | 1.3 | | | | | | | | 9.0 | 7.3 |
| SE | 1.2 | 4.0 | 7.5 | 4.0 | .1 | | | | | | | 16.8 | 8.3 |
| SSE | 1.5 | 4.4 | 5.4 | 2.8 | .1 | | | | | | | 14.3 | 7.8 |
| S | 1.1 | 1.6 | 1.1 | | | | | | | | | 3.8 | 5.2 |
| SSW | .4 | .2 | .1 | | | | | | | | | .8 | 4.0 |
| SW | .3 | .1 | | | | | | | | | | .4 | 2.5 |
| WSW | .6 | .5 | | | | | | | | | | 1.2 | 3.4 |
| W | 1.5 | .8 | .2 | | | .1 | | | | | | 2.6 | 4.4 |
| WNW | 1.1 | 2.1 | 1.0 | .6 | .3 | .6 | | | | | | 5.7 | 9.0 |
| NW | 1.3 | 1.6 | 2.4 | 3.7 | .5 | .2 | .1 | | | | | 9.8 | 10.2 |
| NNW | 1.1 | 1.8 | 2.7 | 4.1 | 1.3 | 1.0 | .3 | | | | | 12.3 | 12.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.1 | |
| | 14.4 | 24.1 | 27.1 | 19.5 | 3.0 | 2.4 | .4 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70.73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNOTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|--------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.5 | 2.5 | 2.8 | 1.2 | .2 | | | | | | 9.4 | 10.3 |
| NNE | .3 | .7 | .7 | .2 | | | | | | | | 1.8 | 7.1 |
| NE | .5 | .2 | .1 | .1 | | | | | | | | 1.0 | 4.6 |
| ENE | .3 | .5 | | | | | | | | | | .9 | 3.9 |
| E | 1.6 | 2.6 | 1.3 | .1 | | | | | | | | 5.6 | 5.1 |
| ESE | .8 | 2.3 | 4.1 | 1.7 | | | | | | | | 8.9 | 8.0 |
| SE | 1.2 | 4.5 | 8.0 | 3.0 | | | | | | | | 16.7 | 7.9 |
| SSE | 2.0 | 3.9 | 5.8 | 4.0 | .3 | | | | | | | 16.0 | 8.1 |
| S | 2.2 | 1.7 | .9 | .3 | | | | | | | | 5.1 | 4.9 |
| SSW | .3 | .5 | | | | | | | | | | .9 | 3.9 |
| SW | .3 | .3 | .1 | | | | | | | | | .8 | 4.1 |
| WSW | .4 | .2 | | | | | | | | | | .7 | 3.2 |
| W | 1.1 | .7 | .3 | .1 | | | | | | | | 2.2 | 4.6 |
| WNW | .7 | 1.0 | .5 | .8 | .2 | .3 | | .1 | | | | 3.6 | 10.1 |
| NW | .3 | 2.2 | 2.6 | 1.0 | .9 | .4 | | | | | | 8.3 | 10.3 |
| NNW | .8 | 1.2 | 2.7 | 4.0 | 2.0 | .2 | | | | | | 10.9 | 12.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.4 | |
| | 14.0 | 24.0 | 29.6 | 19.1 | 4.6 | 1.2 | | .1 | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS

921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

700015
STATION

LAUGHLIN AFB TX
STATION NAME

70.73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L&T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 3.6 | 2.0 | 2.7 | .4 | | | | | | | 9.7 | 8.2 |
| NNE | 1.1 | 1.2 | .9 | .6 | | | | | | | | 3.8 | 5.9 |
| NE | .4 | 1.2 | .4 | .1 | | | | | | | | 2.1 | 5.5 |
| NNE | .2 | .4 | .1 | | | | | | | | | .7 | 4.3 |
| E | 2.6 | 4.1 | 1.2 | .2 | | | | | | | | 8.2 | 4.6 |
| ESE | 3.0 | 7.1 | 4.3 | 1.2 | | | | | | | | 15.6 | 5.9 |
| SE | 2.6 | 6.9 | 4.3 | 1.5 | | | | | | | | 15.4 | 6.1 |
| SSE | 2.1 | 3.6 | 1.1 | .6 | | | | | | | | 7.4 | 5.5 |
| S | 2.5 | 1.5 | | | | | | | | | | 4.0 | 3.0 |
| SSW | 1.4 | .7 | | | | | | | | | | 2.1 | 3.0 |
| SW | .4 | .1 | .1 | | | | | | | | | .6 | 3.2 |
| WSW | .4 | .9 | | | | | | | | | | 1.2 | 3.8 |
| W | .6 | 1.5 | .2 | .1 | | | | | | | | 2.5 | 4.8 |
| WNW | 1.2 | 2.1 | .5 | .2 | .1 | .1 | | | | | | 4.3 | 5.8 |
| NW | .6 | 2.1 | .9 | .6 | .2 | | | | | | | 4.5 | 7.1 |
| NNW | .9 | 1.5 | 2.0 | 2.7 | .6 | | | .1 | | | | 7.8 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.0 | |
| | 20.9 | 38.5 | 18.1 | 10.8 | 1.4 | .1 | | .1 | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS

807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 2.5 | 2.8 | .7 | .4 | .1 | | | | | | 8.9 | 7.0 |
| NNE | 3.1 | 3.8 | .9 | .1 | | | | | | | | 8.0 | 4.4 |
| NE | 1.2 | 1.7 | 1.1 | | | | | | | | | 4.0 | 5.1 |
| ENE | 1.6 | 1.1 | .1 | | | | | | | | | 2.8 | 3.3 |
| E | 3.2 | 4.8 | .8 | .3 | | | | | | | | 9.0 | 4.4 |
| ESE | 3.7 | 8.1 | 4.4 | 1.9 | | | | | | | | 18.0 | 5.9 |
| SE | 1.9 | 5.8 | 3.2 | 1.3 | .4 | | | | | | | 12.6 | 6.6 |
| SSE | 1.3 | 2.3 | 1.5 | | | | | | | | | 5.0 | 5.2 |
| S | 1.2 | .3 | | | | | | | | | | 1.5 | 2.7 |
| SSW | .5 | .8 | | | | | | | | | | 1.3 | 3.7 |
| SW | .1 | | | | | | | | | | | .1 | 1.0 |
| WSW | .1 | .3 | | | | | | | | | | .4 | 4.0 |
| W | .1 | 1.1 | .1 | | | | | | | | | 1.3 | 4.4 |
| WNW | .7 | 1.2 | 1.1 | | .3 | | | | | | | 3.2 | 6.6 |
| NW | 1.1 | 1.9 | .7 | | .1 | | | | | | | 3.7 | 5.2 |
| NNW | 1.9 | 1.1 | 2.0 | 1.7 | .7 | .1 | | | | | | 7.4 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 24.0 | 36.6 | 18.6 | 6.0 | 1.9 | .3 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 754

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615 STATION LAUGHLIN AFB TX 70.73-81 YEARS JAN
MONTHS
ALL WEATHER CLASS ALL MONTHS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-53 | ≥54 | % | MEAN WIND SPEED |
|-------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------|
| N | 2.4 | 2.7 | 2.1 | 1.9 | .5 | .2 | | | | | | 9.7 | 7.7 |
| NNE | 1.7 | 1.8 | .6 | .3 | | | | | | | | 4.3 | 4.7 |
| NE | 1.2 | 1.0 | .3 | .1 | | | | | | | | 2.6 | 4.3 |
| ENE | .9 | .9 | .2 | | | | | | | | | 2.1 | 4.0 |
| E | 2.2 | 3.8 | 1.2 | .2 | | | | | | | | 7.4 | 4.8 |
| ESE | 2.2 | 5.2 | 4.7 | 1.4 | | | | | | | | 13.4 | 6.5 |
| SE | 1.6 | 4.7 | 5.3 | 1.9 | .1 | | | | | | | 13.6 | 7.1 |
| SSE | 1.3 | 2.5 | 2.5 | 1.2 | .1 | | | | | | | 7.5 | 7.0 |
| S | 1.2 | .8 | .3 | .0 | | | | | | | | 2.4 | 4.1 |
| SSW | .5 | .4 | .0 | .0 | | | | | | | | .9 | 3.6 |
| SW | .2 | .1 | .0 | | | | | | | | | .4 | 3.2 |
| WSW | .3 | .3 | | .0 | | | | | | | | .6 | 3.6 |
| W | .8 | .8 | .2 | .1 | .0 | .0 | | | | | | 1.9 | 4.6 |
| WNW | 1.2 | 1.8 | 1.0 | .4 | .2 | .2 | | .0 | | | | 4.8 | 7.2 |
| NW | 1.2 | 2.2 | 2.0 | 1.3 | .4 | .1 | .0 | | | | | 7.2 | 6.1 |
| NNW | 1.3 | 1.4 | 2.3 | 2.8 | .9 | .3 | .0 | .0 | | | | 9.1 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.0 | |
| | 20.3 | 30.4 | 22.7 | 11.7 | 2.1 | .8 | .1 | .0 | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 6433

U.S. AIR FORCE
CLIMATE DIVISION
AFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 2.6 | 2.0 | .3 | .7 | | | | | | | 8.2 | 6.5 |
| NNE | 3.5 | 3.0 | .8 | .7 | .2 | | | | | | | 8.1 | 4.9 |
| NE | 2.0 | 1.2 | .3 | | | | | | | | | 3.5 | 3.6 |
| ENE | 1.8 | .8 | | | | | | | | | | 2.6 | 2.9 |
| E | 3.3 | 5.3 | 1.3 | .3 | | | | | | | | 10.2 | 4.6 |
| ESE | 4.0 | 7.9 | 6.6 | 2.0 | | | | | | | | 20.4 | 6.3 |
| SE | 3.6 | 5.1 | 6.4 | 1.8 | .2 | | | | | | | 17.1 | 6.4 |
| SSE | .7 | 1.6 | .7 | .2 | | | | | | | | 3.1 | 5.3 |
| S | .8 | 1.2 | .2 | | | | | | | | | 2.1 | 4.2 |
| SSW | .3 | .2 | | | | | | | | | | .5 | 3.0 |
| SW | | | | | | | | | | | | | |
| WSW | .2 | | | | | | | | | | | .2 | 2.0 |
| W | .8 | .5 | .2 | | | | | | | | | 1.5 | 3.8 |
| WNW | | 1.5 | .2 | .2 | | .3 | | | | | | 2.1 | 8.7 |
| NW | .2 | 1.5 | 1.3 | .3 | .2 | | | | | | | 3.5 | 7.2 |
| NNW | .5 | 1.3 | 1.3 | 1.2 | .2 | .3 | | | | | | 4.8 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.0 | |
| | 24.2 | 33.6 | 21.3 | 6.9 | 1.3 | .7 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS

607

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12-015 STATION LAUGHLIN AFB TX STATION NAME 70.73.75-81 YEARS FEB 1977-0500 MONTHS (L.E.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.8 | 3.3 | 1.1 | 1.1 | .5 | | | | | | | 7.9 | 6.9 |
| NNE | 3.3 | 3.0 | .8 | .5 | | | | | | | | 7.6 | 4.4 |
| NE | 1.3 | 1.6 | .3 | | | | | | | | | 3.3 | 3.9 |
| ENE | 1.6 | 2.3 | | | | | | | | | | 3.9 | 3.7 |
| E | 3.0 | 6.1 | 3.3 | .5 | | | | | | | | 12.8 | 5.4 |
| ESE | 7.3 | 7.4 | 5.7 | .8 | | | | | | | | 17.2 | 5.9 |
| SE | 1.1 | 6.4 | 5.9 | 1.6 | | | | | | | | 15.1 | 7.7 |
| SSE | .2 | .7 | .2 | .2 | | | | | | | | 1.1 | 6.1 |
| S | .3 | .2 | | | | | | | | | | .5 | 3.3 |
| SSW | .3 | .2 | | | | | | | | | | .5 | 2.3 |
| SW | .5 | | | | | | | | | | | .5 | 2.7 |
| WSW | .3 | | | | | | | | | | | .3 | 1.5 |
| W | .2 | .5 | | | | | | | | | | .7 | 5.0 |
| WNW | .5 | 1.1 | .8 | .3 | | | | | | | | 2.8 | 6.4 |
| NW | 1.0 | 3.6 | .8 | .7 | .2 | .2 | | | | | | 6.4 | 6.8 |
| NNW | 1.0 | 2.0 | 2.1 | 1.8 | | .2 | | | | | | 7.1 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 19.7 | 18.3 | 21.2 | 7.6 | .7 | .3 | | | | | | 120.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 609

3424

JOINT CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7073-81
STATION

LAUGHLIN AFB TX
STATION NAME

7073-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 2.7 | 1.7 | 1.7 | .1 | | | | | | | 9.4 | 6.7 |
| NNE | 3.3 | .7 | .4 | .4 | | | | | | | | 4.8 | 3.8 |
| NE | .9 | .7 | | | | | | | | | | 1.6 | 3.7 |
| ENE | 1.7 | 1.6 | .2 | | | | | | | | | 3.6 | 3.9 |
| E | 4.7 | 8.6 | 2.1 | .6 | | | | | | | | 16.0 | 4.8 |
| ESE | 2.3 | 5.3 | 5.7 | .6 | | | | | | | | 14.0 | 6.3 |
| SE | .7 | 5.2 | 4.8 | .6 | | | | | | | | 11.4 | 6.8 |
| SSE | .5 | .4 | .6 | .2 | | | | | | | | 1.7 | 6.3 |
| S | .6 | .1 | | | | | | | | | | .7 | 2.3 |
| SSW | .1 | .1 | | | | | | | | | | .2 | 4.0 |
| SW | .2 | | | | | | | | | | | .2 | 2.5 |
| WSW | .4 | .1 | | | | | | | | | | .5 | 2.3 |
| W | .6 | .4 | .1 | | | | | | | | | 1.1 | 3.4 |
| WNW | 1.5 | 1.7 | .5 | .4 | .1 | .2 | .1 | | | | | 4.7 | 7.0 |
| NW | 1.5 | 3.7 | 1.1 | .6 | .1 | | | | | | | 6.3 | 5.9 |
| NNW | 2.0 | 1.2 | 2.2 | 1.6 | .4 | | | | | | | 7.4 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.3 | |
| | 24.0 | 31.4 | 19.5 | 6.8 | .7 | .2 | .1 | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS

810

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
226515

STATION NAME
LAUGHLIN AFB TX

YEARS
72.73-81

PERIOD
FEB

CLASS
ALL WEATHER

MOON (L.S.T.)
0900-1100

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 1.1 | 1.8 | 2.3 | .6 | | | | | | | 6.5 | 10.2 |
| NNE | .5 | .2 | .5 | .4 | | | | | | | | 1.6 | 7.5 |
| NE | .4 | .8 | .4 | .1 | | | | | | | | 1.7 | 5.4 |
| ENE | .2 | .2 | | | | | | | | | | .5 | 3.5 |
| E | 1.0 | 2.3 | 1.2 | | | | | | | | | 4.4 | 5.3 |
| ESE | 2.5 | 5.1 | 6.3 | 2.2 | | | | | | | | 16.2 | 6.9 |
| SE | 1.4 | 6.2 | 8.7 | 3.4 | | | | | | | | 19.8 | 7.5 |
| SSE | 1.1 | 3.8 | 4.3 | 1.0 | | | | | | | | 10.2 | 6.9 |
| S | .6 | .6 | .7 | | | | | | | | | 1.9 | 5.1 |
| SSW | .2 | | .2 | | | | | | | | | .5 | 4.8 |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | .6 | .1 | | | | | | | | | | .7 | 2.2 |
| W | 1.0 | 1.2 | .2 | | | | | | | | | 2.4 | 4.3 |
| WNW | .8 | 1.9 | 1.0 | .2 | .2 | .1 | | | | | | 4.3 | 6.7 |
| NW | .5 | 1.2 | 1.6 | 2.6 | .8 | .2 | .4 | | | | | 7.7 | 11.6 |
| NNW | .4 | 1.2 | 2.6 | 3.6 | .8 | .4 | | | | | | 9.0 | 11.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 12.3 | 26.1 | 29.6 | 15.7 | 2.5 | .7 | .4 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS

835

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: LAUGHLIN AFB TX STATION NAME: 77,73-81 YEARS: 1968-1970
 CLASS: ALL WEATHER MONTHS (L.S.T.): 1200-1400
 CONDITION: _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | .0 | 1.9 | 1.4 | .8 | .4 | | | | | | 5.9 | 10.9 |
| NNE | .1 | .4 | .7 | .1 | | | | | | | | 1.3 | 7.8 |
| NE | | .1 | .1 | .2 | | | | | | | | .5 | 9.0 |
| ENE | .0 | .4 | | | | | | | | | | .6 | 4.0 |
| E | .7 | .7 | .5 | | | | | | | | | 1.9 | 5.1 |
| ESE | .9 | 3.1 | 2.7 | 1.9 | | | | | | | | 6.7 | 7.4 |
| SE | 2.0 | 5.0 | 8.9 | 3.7 | | | | | | | | 19.6 | 7.9 |
| SSE | 1.4 | 3.0 | 7.0 | 4.3 | .1 | | | | | | | 15.8 | 6.6 |
| S | 1.1 | 3.3 | 2.1 | .5 | | | | | | | | 7.3 | 6.4 |
| SSW | .6 | .4 | | | | | | | | | | .9 | 3.4 |
| SW | .4 | .2 | | | | | | | | | | .6 | 3.0 |
| WSW | .6 | .4 | .1 | | | | | | | | | 1.1 | 3.2 |
| W | .3 | .8 | .6 | | .2 | .1 | | | | | | 2.6 | 6.8 |
| WNW | .9 | 1.3 | 1.3 | .4 | .1 | .6 | | | | | | 4.6 | 9.1 |
| NW | .6 | 1.8 | 1.9 | 3.1 | .7 | .7 | .4 | | | | | 9.4 | 11.7 |
| NNW | .7 | 1.3 | 2.8 | 3.8 | 2.3 | .4 | | | | | | 11.3 | 11.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.3 | |
| | 12.0 | 22.9 | 30.7 | 19.3 | 4.3 | 2.1 | .4 | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS 843

U.S. AIR FORCE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 702115 LAUGHLIN AFB TX STATION NAME 70-73-81 YEARS FEB
ALL WEATHER 1500-1700
 CLASS NOVES (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.5 | 2.9 | 2.9 | 1.3 | .2 | | | | | | 9.9 | 1.3 |
| NNE | .7 | .4 | .7 | .4 | | | | | | | | 2.1 | 6.5 |
| NE | .4 | .2 | .4 | .1 | | | | | | | | 1.1 | 5.3 |
| ENE | .8 | .2 | .1 | | | | | | | | | 1.2 | 3.2 |
| E | .7 | .8 | .6 | .4 | | | | | | | | 2.7 | 6.4 |
| ESE | 1.0 | 2.3 | 4.3 | 2.7 | | | | | | | | 10.3 | 6.3 |
| SE | 1.4 | 4.1 | 7.4 | 4.1 | .2 | | | | | | | 17.2 | 6.3 |
| SSE | 2.0 | 2.3 | 8.8 | 5.6 | .5 | | | | | | | 19.0 | 9.2 |
| S | 1.7 | 1.3 | 2.1 | 1.0 | | | | | | | | 6.1 | 6.6 |
| SSW | .8 | .4 | | | | | | | | | | 1.2 | 3.1 |
| SW | .2 | .1 | | | | | | | | | | .4 | 3.7 |
| WSW | .2 | .2 | | | | | | | | | | .5 | 3.3 |
| W | .1 | .7 | .1 | .1 | | | | | | | | 1.1 | 6.0 |
| WNW | .8 | .8 | .7 | 1.0 | .6 | .1 | | | | | | 4.1 | 9.6 |
| NW | .2 | .7 | 2.0 | 1.9 | 1.2 | .4 | | | | | | 6.4 | 12.3 |
| NNW | .5 | 1.2 | 2.4 | 3.2 | 1.5 | .2 | | | | | | 9.1 | 12.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.9 | |
| | 12.8 | 17.0 | 32.8 | 23.2 | 5.9 | 1.0 | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

732615 STATION LAUGHLIN AFB TX STATION NAME 70,73-81 YEARS MONTH FEB 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLAS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 2.3 | 2.9 | 2.1 | .8 | | | | | | | 12.3 | 8.4 |
| NNE | 1.7 | 1.2 | .4 | .5 | | | | | | | | 3.5 | 5.7 |
| NE | .5 | .4 | .1 | | | | | | | | | 1.1 | 4.1 |
| ENE | .3 | .5 | | | | | | | | | | 1.3 | 3.1 |
| E | 2.4 | 3.1 | 2.1 | .3 | | | | | | | | 7.8 | 5.2 |
| ESE | 1.9 | 4.1 | 4.1 | 1.6 | | | | | | | | 11.7 | 6.7 |
| SE | 2.3 | 9.5 | 7.6 | 2.3 | | | | | | | | 21.7 | 6.7 |
| SSE | 1.6 | 4.7 | 3.9 | .9 | | | | | | | | 11.0 | 6.6 |
| S | 2.9 | 1.6 | .4 | | | | | | | | | 4.3 | 3.7 |
| SSW | 1.2 | .3 | | | | | | | | | | 1.5 | 2.7 |
| SW | .4 | .1 | | | | | | | | | | .5 | 2.5 |
| WSW | .3 | .4 | | | | | | | | | | .7 | 3.2 |
| W | .4 | .4 | .3 | | | | | | | | | 1.1 | 4.5 |
| WNW | .7 | .8 | .5 | .4 | .3 | | | | | | | 2.7 | 7.8 |
| NW | 1.2 | 1.1 | .4 | .3 | .1 | | .1 | | | | | 3.2 | 6.5 |
| NNW | .2 | 1.1 | 2.1 | 1.3 | .3 | | | | | | | 5.6 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.8 | |
| | 12.5 | 31.5 | 24.9 | 9.7 | 1.5 | | .1 | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 752

AL CLIMATOLOGY BRANCH
STAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAUGHLIN AFB TX STATION NAME 70.73.75-81 YEARS FEB
ALL WEATHER MONTH 21.00-23.00
 CLASS MOVES (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 2.6 | 2.2 | 1.0 | .3 | | | | | | | 9.9 | 6.4 |
| NNE | 1.6 | 2.6 | .4 | .8 | .1 | | | | | | | 5.6 | 5.5 |
| NE | .8 | 2.1 | .7 | | | | | | | | | 3.6 | 4.8 |
| NNE | 1.4 | .5 | .1 | | | | | | | | | 2.1 | 3.5 |
| E | 2.1 | 3.4 | 1.8 | .1 | | | | | | | | 7.4 | 5.2 |
| ESE | 3.8 | 8.4 | 4.0 | .8 | | | | | | | | 17.0 | 5.4 |
| SE | 3.8 | 8.8 | 5.2 | 1.9 | | | | | | | | 19.8 | 6.0 |
| SSE | 1.6 | 3.6 | 1.5 | .1 | | | | | | | | 7.6 | 4.7 |
| S | 1.8 | 1.0 | .1 | | | | | | | | | 2.9 | 3.4 |
| SSW | .7 | | .1 | | | | | | | | | .8 | 3.3 |
| SW | .3 | | | | | | | | | | | .3 | 2.5 |
| WSW | .3 | | | | | | | | | | | .3 | 2.5 |
| W | .5 | .1 | .3 | | | | | | | | | 1.0 | 4.4 |
| WNW | .7 | 1.0 | .3 | | | | | | | | | 1.9 | 4.9 |
| NW | .7 | .4 | .4 | .7 | | .3 | | | | | | 2.5 | 9.4 |
| NNW | .4 | .8 | 1.6 | .4 | .1 | .3 | | | | | | 3.7 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.3 | |
| | 23.8 | 35.2 | 19.8 | 5.9 | .5 | .5 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 728

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 1.9 | 2.2 | 1.7 | .6 | .1 | | | | | | 8.3 | 6.3 |
| NNE | 1.7 | 1.3 | .6 | .4 | .0 | | | | | | | 4.0 | 5.2 |
| NE | .7 | .8 | .3 | .1 | | | | | | | | 1.9 | 4.5 |
| ENE | 1.0 | .8 | .1 | | | | | | | | | 1.9 | 3.5 |
| E | 2.1 | 3.6 | 1.6 | .3 | | | | | | | | 7.6 | 5.1 |
| ESE | 2.4 | 5.2 | 4.9 | 1.6 | | | | | | | | 14.1 | 6.5 |
| SE | 2.0 | 6.2 | 7.0 | 2.5 | .0 | | | | | | | 17.7 | 7.1 |
| SSE | 1.2 | 2.5 | 3.6 | 1.7 | .1 | | | | | | | 9.1 | 7.6 |
| S | 1.1 | 1.2 | .8 | .2 | | | | | | | | 3.3 | 5.3 |
| SSW | .5 | .2 | .0 | | | | | | | | | .8 | 3.2 |
| SW | .3 | .1 | | | | | | | | | | .3 | 2.8 |
| WSW | .4 | .2 | .0 | | | | | | | | | .5 | 2.7 |
| W | .6 | .6 | .2 | .0 | .0 | .0 | | | | | | 1.5 | 5.0 |
| WNW | .8 | 1.3 | .7 | .4 | .2 | .2 | .0 | | | | | 3.5 | 7.7 |
| NW | .8 | 1.6 | 1.2 | 1.4 | .4 | .2 | .1 | | | | | 5.8 | 9.6 |
| NNW | .8 | 1.2 | 2.2 | 2.2 | .8 | .2 | | | | | | 7.4 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.1 | |
| | 18.1 | 28.9 | 25.4 | 12.4 | 2.2 | .7 | .1 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

6023

AL CLIMATOLOGY BRANCH
 AFSTAC
 AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

102555 LAUGHLIN AFB TX

70.73.75-81

MAR

ALL WEATHER

0000-0200
 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.9 | 2.8 | 2.7 | 1.5 | .1 | | | | | | | 10.0 | 6.6 |
| NNE | 2.7 | 3.5 | .6 | .7 | | | | | | | | 7.4 | 4.9 |
| NE | 1.7 | 2.4 | .3 | .1 | | | | | | | | 4.5 | 4.2 |
| ENE | 1.1 | .7 | .3 | .1 | | | | | | | | 2.2 | 4.4 |
| E | 1.2 | 4.1 | 1.5 | | | | | | | | | 7.4 | 4.8 |
| ESE | 2.1 | 7.0 | 8.6 | 3.8 | .3 | | | | | | | 21.7 | 7.8 |
| SE | 1.7 | 4.6 | 7.9 | 4.3 | .4 | | | | | | | 18.9 | 6.5 |
| SSE | 1.5 | 2.1 | 1.0 | .1 | | | | | | | | 4.8 | 4.8 |
| S | 1.0 | .7 | .3 | | | | | | | | | 2.0 | 4.2 |
| SSW | .4 | .3 | .1 | .1 | | | | | | | | 1.0 | 5.4 |
| SW | .4 | .1 | | | | | | | | | | .6 | 3.0 |
| WSW | .4 | .1 | | | | | | | | | | .6 | 3.0 |
| W | .4 | .3 | .1 | | | | | | | | | .8 | 4.2 |
| WNW | .3 | .8 | .1 | .1 | | | | | | | | 1.4 | 5.0 |
| NW | .7 | 1.5 | .4 | .1 | | .1 | | | | | | 2.9 | 5.7 |
| NNW | .3 | 1.0 | 1.0 | 1.3 | | | | | | | | 3.5 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.2 | |
| | 19.4 | 32.1 | 24.8 | 12.5 | .8 | .1 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615 STATION 722615 LAUGHLIN AFB TX STATION NAME 70,73,75-81 YEAR MAP MONTHS 0300-0500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.0 | 2.8 | 1.7 | 1.7 | .3 | .4 | | | | | | 9.8 | 6.9 |
| NNE | 2.5 | 2.5 | .7 | | | | | | | | | 5.7 | 4.2 |
| NE | 1.2 | 1.1 | .6 | .1 | | | | | | | | 3.0 | 4.9 |
| ENE | 1.7 | .7 | .3 | | | | | | | | | 2.6 | 3.6 |
| E | 1.2 | 5.9 | 2.2 | | | | | | | | | 9.9 | 5.1 |
| ESE | 2.3 | 9.0 | 9.9 | 1.2 | | | | | | | | 22.5 | 6.7 |
| SE | 1.0 | 4.3 | 6.8 | 3.0 | .1 | | | | | | | 15.2 | 7.9 |
| SSE | .6 | .8 | 1.5 | | | | | | | | | 2.9 | 6.7 |
| S | .6 | .7 | .4 | .1 | | | | | | | | 1.8 | 5.2 |
| SSW | .3 | .1 | | | | | | | | | | .4 | 3.0 |
| SW | .3 | | .1 | | | | | | | | | .4 | 4.0 |
| WSW | | | | | | | | | | | | | |
| W | .7 | .6 | | .3 | | | | | | | | 1.5 | 4.9 |
| WNW | .6 | .7 | .4 | .3 | | | | | | | | 1.9 | 6.2 |
| NW | 1.0 | 2.6 | .3 | | .3 | .1 | | | | | | 4.3 | 6.1 |
| NNW | .8 | 2.6 | 2.1 | 1.8 | .1 | | | | | | | 7.5 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.5 | |
| | 15.2 | 34.4 | 26.9 | 8.6 | .8 | .6 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 724

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70.73-81
YEARS

MAP
SOURCE

ALL WEATHER
CLASS

0600-0600
HOURS (L.G.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 1.7 | 1.7 | 1.6 | .3 | | | | | | | 7.4 | 7.1 |
| NNE | 2.7 | 1.1 | .6 | .2 | .1 | | | | | | | 4.7 | 4.5 |
| NE | 1.0 | 1.1 | .4 | | | | | | | | | 2.6 | 4.4 |
| ENE | 1.3 | .8 | .1 | | | | | | | | | 2.2 | 3.4 |
| E | 3.0 | 5.8 | 3.6 | .1 | | .1 | | | | | | 12.6 | 5.4 |
| ESE | 1.6 | 6.9 | 9.2 | 1.6 | | | | | | | | 19.2 | 7.2 |
| SE | .8 | 4.2 | 8.3 | 1.7 | | | | | | | | 15.0 | 7.7 |
| SSE | .6 | .9 | 1.2 | .1 | | | | | | | | 2.8 | 6.5 |
| S | .4 | .4 | .3 | .1 | | | | | | | | 1.3 | 5.0 |
| SSW | .4 | .1 | | | | | | | | | | .6 | 2.6 |
| SW | .2 | .1 | .1 | | | | | | | | | .4 | 4.3 |
| WSW | | .2 | | | | | | | | | | .2 | 4.0 |
| W | .3 | .2 | | .1 | | | | | | | | .7 | 4.7 |
| WNW | .9 | 1.7 | .9 | .7 | | | | | | | | 4.1 | 6.3 |
| NW | 1.3 | 3.8 | 2.0 | .4 | .1 | .1 | | | | | | 7.8 | 6.2 |
| NNW | 1.7 | 2.2 | 1.7 | 2.0 | .1 | | | | | | | 7.7 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.8 | |
| | 18.4 | 31.2 | 30.1 | 8.6 | .7 | .2 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS

900

3479

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEAR

MAC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 2.5 | 1.8 | 2.4 | .2 | .1 | | | | | | 7.9 | 8.8 |
| NNE | .9 | .6 | .6 | .1 | | | | | | | | 2.3 | 5.2 |
| NE | .2 | .1 | .6 | .1 | | | | | | | | 1.1 | 6.8 |
| ENE | .9 | .2 | .2 | .1 | | | | | | | | 1.4 | 3.9 |
| E | .5 | 1.7 | 1.2 | .1 | | | | | | | | 3.0 | 5.6 |
| ESE | 1.4 | 2.5 | 5.4 | 1.9 | .1 | | | | | | | 11.4 | 7.8 |
| SE | 1.2 | 4.5 | 10.4 | 7.0 | .2 | | | | | | | 23.4 | 9.0 |
| SSE | .9 | 3.2 | 5.8 | 4.5 | .4 | | | | | | | 14.9 | 9.2 |
| S | .8 | 1.3 | 1.0 | | | | | | | | | 3.0 | 5.6 |
| SSW | .2 | .4 | | | | | | | | | | .6 | 3.2 |
| SW | .4 | .1 | | | | | | | | | | .5 | 2.0 |
| WSW | .6 | .2 | | .1 | | | | | | | | 1.0 | 3.8 |
| W | .4 | .4 | .2 | .3 | | | | | | | | 1.4 | 6.6 |
| WNW | .6 | 1.0 | 1.2 | .5 | .2 | | | | | | | 3.6 | 7.7 |
| NW | .9 | 1.5 | 2.5 | 2.3 | .8 | .1 | | | | | | 8.0 | 9.9 |
| NNW | .5 | 1.6 | 2.7 | 2.6 | 1.4 | .3 | | | | | | 9.2 | 11.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 11.4 | 22.1 | 33.7 | 22.2 | 3.4 | .5 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 925

CLIMATE CLIMATOLOGY BRANCH
 WLTAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

122615
 STATION

LAUGHLIN AFB TX

STATION NAME

70.73-81

YEARS

MAP
 MONTH

ALL WEATHER

CLASS

1200-1400

HOURLY (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | 1.1 | 1.8 | 1.5 | .6 | | | | | | | 5.7 | 9.3 |
| NNE | .4 | .9 | .2 | .2 | | | | | | | | 1.7 | 5.7 |
| NE | .5 | .6 | .2 | | | | | | | | | 1.4 | 4.5 |
| ENE | .5 | .6 | .2 | | | | | | | | | 1.4 | 4.2 |
| E | 1.2 | 1.0 | .9 | .4 | | | | | | | | 3.4 | 5.7 |
| ESE | .4 | 1.8 | 4.7 | 1.5 | .1 | | | | | | | 8.6 | 8.6 |
| SE | .3 | 2.9 | 7.2 | 6.9 | .9 | | | | | | | 18.2 | 10.0 |
| SSE | .9 | 2.9 | 6.5 | 6.6 | .6 | .2 | | | | | | 17.6 | 10.0 |
| S | 1.2 | 2.5 | 2.7 | 1.2 | .2 | .1 | | | | | | 7.8 | 7.9 |
| SSW | .2 | .6 | | .1 | | | | | | | | 1.0 | 4.8 |
| SW | .2 | .3 | | | | | | | | | | .5 | 4.0 |
| WSW | .2 | .2 | .2 | .1 | | | | | | | | .8 | 6.0 |
| W | 1.3 | .9 | .2 | .4 | | | | | | | | 2.8 | 5.6 |
| WNW | .5 | .2 | .9 | 1.0 | .6 | .1 | | | | | | 3.3 | 11.1 |
| NW | .2 | 1.0 | 2.6 | 4.4 | 1.4 | .1 | | | | | | 9.7 | 12.2 |
| NNW | .4 | 1.6 | 3.2 | 3.8 | 1.1 | .5 | | | | | | 10.6 | 11.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.4 | |
| | 9.2 | 19.1 | 31.5 | 28.1 | 5.6 | 1.1 | | | | | | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAX
GUSTS

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.1 | 3.1 | 3.1 | .6 | | | | | | | 8.5 | 10.3 |
| NNE | .3 | .9 | .8 | | | | | | | | | 1.9 | 5.8 |
| NE | .8 | .5 | .2 | .1 | | .1 | | | | | | 1.7 | 5.8 |
| ENE | .9 | .8 | .6 | .1 | | | | | | | | 2.4 | 4.9 |
| E | 1.2 | 1.2 | 1.9 | .4 | | | | | | | | 4.8 | 6.3 |
| ESE | 1.1 | 2.7 | 5.3 | 3.0 | .4 | | | | | | | 14.5 | 6.7 |
| SE | 1.2 | 2.7 | 8.5 | 7.7 | .6 | | | | | | | 25.7 | 10.0 |
| SSE | .5 | 2.5 | 4.8 | 6.8 | 1.9 | .3 | | | | | | 16.8 | 11.2 |
| S | .9 | 1.4 | 2.1 | 1.1 | .2 | | | | | | | 5.6 | 7.7 |
| SSW | .3 | | .1 | | | | | | | | | .4 | 4.3 |
| SW | .2 | .2 | | | | | | | | | | .4 | 3.0 |
| WSW | .6 | .6 | | .1 | | | | | | | | 1.4 | 4.2 |
| W | .2 | .3 | .2 | .1 | .3 | .1 | | | | | | 1.3 | 11.3 |
| WNW | .2 | .4 | .9 | 1.1 | .5 | .4 | | | | | | 3.6 | 12.3 |
| NW | .3 | .6 | 1.3 | 2.3 | .6 | .3 | .1 | | | | | 5.6 | 12.4 |
| NNW | .1 | 1.3 | 2.3 | 3.6 | 1.6 | .1 | | | | | | 9.0 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 9.4 | 17.3 | 32.1 | 29.5 | 7.0 | 1.4 | .1 | | | | | 120.0 | 9.4 |

TOTAL NUMBER OF OBSERVATIONS 926

U.S. AIR FORCE
 CLIMATE BRANCH
 AFMTC
 AIR FORCE WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAUGHLIN AFB TX STATION NAME 70-73-81 YEARS 1800-2000
 CLASS ALL WEATHER
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 3.1 | 3.9 | 2.6 | .4 | .4 | | | | | | 11.4 | 9.2 |
| NNE | .9 | 1.7 | .9 | .2 | .1 | | | | | | | 3.8 | 6.3 |
| NE | 1.1 | .6 | .2 | | | | | | | | | 1.9 | 4.3 |
| ENE | .9 | 1.8 | .1 | .1 | | | | | | | | 3.0 | 4.3 |
| E | 2.5 | 4.9 | 2.4 | .1 | | | | | | | | 9.8 | 4.9 |
| ESE | 1.3 | 3.9 | 4.9 | 4.9 | | | | | | | | 14.9 | 8.5 |
| SE | 1.5 | 5.5 | 7.2 | 5.5 | .4 | | | | | | | 20.3 | 6.4 |
| SSE | 1.3 | 3.7 | 3.6 | 3.6 | .5 | | | | | | | 12.6 | 8.3 |
| S | 2.0 | 1.7 | .7 | .1 | .1 | | | | | | | 4.6 | 4.6 |
| SSW | .9 | .2 | .1 | | | | | | | | | 1.3 | 3.5 |
| SW | .5 | .1 | | | | | | | | | | .6 | 2.8 |
| WSW | .2 | .1 | | | | | | | | | | .4 | 3.0 |
| W | .5 | .5 | | .1 | | | | | | | | 1.2 | 4.8 |
| WNW | .1 | .7 | .6 | .7 | .2 | | | | | | | 2.4 | 9.4 |
| NW | .2 | .6 | .9 | 1.3 | .1 | .1 | | | | | | 3.3 | 10.1 |
| NNW | .2 | 2.1 | 1.2 | 1.3 | .1 | | .1 | | | | | 5.1 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 15.1 | 31.2 | 26.8 | 20.5 | 1.9 | .5 | .1 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 843

34A1

CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 772415 LAUGHLIN AFB TX STATION NAME 70,73,75-51 YEARS 4AP
DATE 2100-2300
HOURS (L.S.T.)
ALL WEATHER
CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 3.9 | 2.2 | 1.2 | .1 | .1 | | | | | | 9.2 | 6.6 |
| NNE | 3.1 | 3.3 | 1.2 | .6 | | | | | | | | 8.2 | 4.9 |
| NE | 1.2 | 1.2 | .1 | .1 | | | | | | | | 2.6 | 4.0 |
| ENE | 1.6 | .7 | .6 | | | | | | | | | 2.9 | 4.0 |
| E | 1.7 | 4.7 | 2.2 | | | | | | | | | 3.5 | 5.2 |
| ESE | 3.0 | 7.0 | 7.0 | 5.5 | .7 | | | | | | | 23.3 | 8.1 |
| SE | 1.9 | 7.5 | 4.8 | 3.6 | .5 | | | | | | | 16.3 | 7.6 |
| SSE | 1.2 | 2.9 | 1.4 | .2 | .1 | | | | | | | 5.9 | 5.8 |
| S | 1.0 | .9 | .4 | .1 | | | | | | | | 2.3 | 4.9 |
| SSW | .7 | .4 | | | | | | | | | | 1.1 | 3.0 |
| SW | .6 | .5 | | | | | | | | | | 1.1 | 3.6 |
| WSW | .2 | .4 | | | | | | | | | | .6 | 4.0 |
| W | .1 | .1 | .2 | | | | | | | | | .5 | 5.3 |
| WNW | .7 | .5 | | | | | | | | | | 1.2 | 3.3 |
| NW | .4 | 1.1 | .6 | | .2 | .1 | | | | | | 2.4 | 7.9 |
| NNW | .6 | 1.1 | 1.1 | .6 | .1 | .1 | .1 | | | | | 3.7 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.4 | |
| | 19.7 | 36.0 | 21.7 | 11.9 | 1.8 | .4 | .1 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 837

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70.73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
MOUSE (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 2.3 | 2.4 | 2.0 | .4 | .1 | | | | | | 8.6 | 9.1 |
| NNE | 1.6 | 1.7 | .7 | .3 | .0 | | | | | | | 4.3 | 5.0 |
| NE | .0 | .9 | .3 | .1 | | .0 | | | | | | 2.3 | 4.7 |
| ENE | 1.1 | .8 | .3 | .1 | | | | | | | | 2.2 | 4.1 |
| E | 1.7 | 3.5 | 2.0 | .2 | | .0 | | | | | | 7.4 | 5.3 |
| ESE | 1.6 | 4.9 | 6.8 | 2.9 | .2 | | | | | | | 16.4 | 7.8 |
| SE | 1.2 | 4.5 | 7.7 | 5.1 | .4 | | | | | | | 18.8 | 8.8 |
| SSE | .9 | 2.4 | 3.4 | 2.9 | .5 | .1 | | | | | | 10.2 | 9.2 |
| S | 1.0 | 1.2 | 1.0 | .4 | .1 | .0 | | | | | | 3.7 | 6.4 |
| SSW | .4 | .3 | .0 | .0 | | | | | | | | .8 | 3.8 |
| SW | .4 | .2 | .0 | | | | | | | | | .6 | 3.3 |
| WSW | .3 | .3 | .7 | .0 | | | | | | | | .6 | 4.2 |
| W | .5 | .4 | .1 | .2 | .0 | .0 | | | | | | 1.3 | 6.2 |
| WNW | .5 | .8 | .6 | .6 | .2 | .1 | | | | | | 2.5 | 8.5 |
| NW | .6 | 1.6 | 1.4 | 1.5 | .5 | .1 | .0 | | | | | 5.7 | 9.5 |
| NNW | .6 | 1.7 | 1.9 | 2.2 | .6 | .1 | .0 | | | | | 7.2 | 10.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.2 | |
| | 14.8 | 27.4 | 28.7 | 18.2 | 2.9 | .6 | .0 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 6793

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAUGHLIN AFB TX STATION NAME 70,73,75-81 YEARS APR
ALL WEATHER 1000-2200
 CLASS HOURLY (L.S.V.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | 2.6 | .7 | .3 | .1 | | | | | | | 5.2 | 5.1 |
| NNE | 2.6 | 1.3 | .3 | .1 | | | | | | | | 4.4 | 3.8 |
| NE | 1.3 | .6 | .7 | .3 | .1 | | | | | | | 3.4 | 5.7 |
| ENE | .4 | 1.3 | .6 | .3 | | | | | | | | 2.3 | 6.2 |
| E | 2.5 | 4.5 | 3.6 | .9 | .3 | | | | | | | 12.0 | 6.3 |
| ESE | 1.9 | 7.9 | 13.6 | 7.8 | .6 | | | | | | | 31.6 | 6.7 |
| SE | 2.5 | 3.4 | 7.6 | 5.7 | .6 | .1 | | | | | | 20.1 | 5.0 |
| SSE | .7 | 1.9 | .9 | .6 | .1 | | | | | | | 4.2 | 6.3 |
| S | .4 | .3 | .6 | .1 | | | | | | | | 1.5 | 6.4 |
| SSW | | .1 | | .1 | | | | | | | | .3 | 3.0 |
| SW | .1 | .1 | | | | | | | | | | .3 | 4.0 |
| WSW | | | .1 | | | | | | | | | .1 | 9.0 |
| W | .1 | .5 | | .1 | | | | | | | | .9 | 6.5 |
| WNW | .3 | .6 | .4 | | | | | | | | | 1.3 | 5.3 |
| NW | .1 | .9 | .4 | .7 | | | | | | | | 2.2 | 6.6 |
| NNW | .1 | .7 | .7 | .6 | .6 | | | | | | | 2.8 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 15.5 | 26.0 | 30.6 | 17.7 | 2.5 | .1 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 682

41 CLIMATOLOGY BRANCH
 AFAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

77-14 STATION LAUGHLIN AFB TX 77, 73, 75-21 YEARS NORTH
 ALL WEATHER CLASS 300-1000 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 1.7 | .4 | .6 | .3 | | | | | | | 3.5 | 3.5 |
| NNE | 2.7 | 1.4 | .4 | .1 | | .1 | | | | | | 4.4 | 4.5 |
| NE | .1 | .0 | .1 | .1 | .1 | | | | | | | 1.4 | 1.7 |
| ENE | 1.3 | 1.1 | .3 | | | | | | | | | 2.7 | 3.9 |
| E | 2.4 | 6.0 | 4.0 | .3 | | | | | | | | 13.5 | 5.4 |
| ESE | 1.6 | 8.0 | 14.0 | 4.5 | .4 | | | | | | | 29.5 | 6.1 |
| SE | 1.3 | 3.3 | 8.6 | 3.9 | | | | | | | | 17.1 | 5.3 |
| SSE | .6 | 1.3 | 1.1 | 1.0 | | | | | | | | 4.0 | 7.4 |
| S | .4 | .7 | | | | | | | | | | 1.1 | 3.9 |
| SSW | .2 | .1 | | | | | | | | | | .4 | 3.3 |
| SW | .1 | .3 | | | | | | | | | | .4 | 4.5 |
| WSW | | .1 | | | | | | | | | | .1 | 5.6 |
| W | | .6 | .1 | .1 | | | | | | | | .9 | 6.3 |
| WNW | .1 | .6 | .1 | | | | | | | | | .4 | 4.3 |
| NW | .7 | 1.7 | 1.0 | .4 | | | | | | | | 3.9 | 6.4 |
| NNW | 1.4 | 1.0 | 1.4 | 1.1 | .6 | | | | | | | 5.5 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |
| | 15.7 | 29.7 | 32.8 | 12.2 | 1.4 | .1 | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 696

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72215 STATION CAUGHLIN AFB TX 70,73-81 YEARS APR NORTH
ALL WEATHER CLASS 1600-0800 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | .9 | .5 | .8 | .3 | | | | | | | 3.7 | 7.5 |
| NNE | 1.1 | .9 | | .1 | .1 | | | | | | | 2.2 | 4.6 |
| NE | 1.7 | .7 | .2 | .1 | | | | | | | | 2.1 | 4.2 |
| ENE | .2 | .9 | .6 | | | | | | | | | 2.3 | 4.8 |
| E | 2.2 | 6.4 | 4.7 | .2 | | | | | | | | 13.4 | 5.4 |
| ESE | 1.8 | 6.9 | 14.4 | 3.4 | | | | | | | | 26.6 | 7.8 |
| SE | .6 | 4.6 | 11.6 | 4.5 | | | | | | | | 21.3 | 6.5 |
| SSE | 1.0 | .2 | 1.5 | .5 | | | | | | | | 3.2 | 6.5 |
| S | .1 | .5 | .1 | | | | | | | | | .7 | 6.3 |
| SSW | | .1 | | | | | | | | | | .1 | 5.0 |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | .1 | | | | | | | | | | | .1 | 2.0 |
| W | .1 | .5 | | | | | | | | | | .9 | 4.8 |
| WNW | .5 | 1.4 | .5 | .1 | | | | | | | | 2.3 | 4.9 |
| NW | 1.1 | 2.2 | 1.6 | .6 | | | | | | | | 5.5 | 6.0 |
| NNW | .6 | 1.6 | 1.8 | 1.1 | .5 | | | | | | | 5.9 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.2 | |
| | 13.3 | 28.0 | 36.9 | 11.5 | .9 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 872

44 CLIMATOLOGY BRANCH
 1. TAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAUGHLIN AFB TX YEARS 70, 73-81 MONTH APR
 STATION NAME CLASS ALL WEATHER MONTH 0900-1100
 CONDITION NOBS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | .7 | 1.6 | 1.6 | .6 | | | | | | | 4.7 | 10.3 |
| NNE | | .5 | .3 | .4 | .1 | | | | | | | 1.5 | 9.5 |
| NE | .4 | .6 | .3 | .2 | .1 | | | | | | | 1.7 | 6.5 |
| ENE | .6 | .3 | .1 | | | | | | | | | 1.0 | 4.1 |
| E | .6 | 2.0 | 2.1 | .7 | | | | | | | | 5.4 | 8.9 |
| ESE | .7 | 2.5 | 3.4 | 3.4 | | | | | | | | 14.9 | 8.4 |
| SE | 1.0 | 3.8 | 13.4 | 13.1 | | | | | | | | 31.3 | 9.8 |
| SSE | .5 | 2.3 | 6.1 | 5.6 | .3 | | | | | | | 15.2 | 9.3 |
| S | .5 | .9 | .8 | .3 | .1 | | | | | | | 2.9 | 6.7 |
| SSW | .2 | .3 | .1 | | | | | | | | | .7 | 3.8 |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | | .2 | | | | | | | | | | .2 | 5.5 |
| W | .7 | .3 | .1 | .1 | | | | | | | | 1.2 | 4.4 |
| WNW | .1 | .3 | .7 | .1 | .3 | | | | | | | 2.0 | 9.3 |
| NW | .2 | 1.2 | 1.9 | 1.0 | .6 | | | | | | | 4.9 | 9.9 |
| NNW | .1 | 1.5 | 1.1 | 3.9 | .7 | .2 | | | | | | 7.5 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 4.6 | 18.0 | 37.1 | 30.4 | 2.8 | .2 | | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 895

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.4 | 1.4 | 1.6 | .4 | .1 | | | | | | 5.3 | 9.3 |
| NNE | .3 | .9 | .7 | .2 | | | | | | | | 2.1 | 6.3 |
| NE | .2 | .7 | .4 | | | .1 | | | | | | 1.4 | 6.8 |
| ENE | .4 | .2 | .3 | .1 | .1 | | | | | | | 1.2 | 7.4 |
| E | .3 | 1.6 | 1.4 | .1 | | | | | | | | 3.4 | 6.2 |
| ESE | .4 | 2.2 | 6.2 | 2.2 | | | | | | | | 11.1 | 8.6 |
| SE | .6 | 3.4 | 9.6 | 12.3 | 1.0 | | | | | | | 26.9 | 10.6 |
| SSE | 1.2 | 2.1 | 7.2 | 9.4 | 1.9 | .1 | | | | | | 21.9 | 11.0 |
| S | .7 | 1.3 | 1.2 | .8 | | | | | | | | 4.0 | 7.7 |
| SSW | .1 | .6 | .6 | | | | | | | | | 1.2 | 6.3 |
| SW | .3 | .3 | .2 | | | | | | | | | .9 | 4.6 |
| WSW | | .1 | | | | | | | | | | .1 | 6.0 |
| W | .3 | .7 | .1 | | .1 | | | | | | | 1.2 | 5.8 |
| WNW | .6 | .3 | .8 | .7 | .2 | | | | | | | 2.6 | 6.7 |
| NW | .1 | .9 | 1.3 | 1.3 | .1 | | | | | | | 3.8 | 9.5 |
| NNW | .4 | 1.1 | 2.4 | 3.0 | 1.3 | .2 | | | | | | 8.6 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.6 | |
| | 6.9 | 17.8 | 34.0 | 31.8 | 5.2 | .6 | | | | | | 100.0 | 9.4 |

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAUGHLIN AFB TX YEAR 70.73-81 MONTH APR
 STATION NAME CLASS ALL WEATHER MONTHS 1500-1700
 CONDITION HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 2.3 | 3.2 | 1.6 | 1.1 | | | | | | | 9.1 | 9.2 |
| NNE | .3 | .9 | .8 | .1 | | | | | | | | 2.1 | 6.0 |
| NE | .1 | .8 | .3 | .2 | | | | | | | | 1.5 | 6.4 |
| ENE | .9 | .4 | .1 | .2 | .1 | | | | | | | 1.8 | 5.5 |
| E | .6 | 1.0 | 1.6 | .9 | | | | | | | | 4.0 | 7.7 |
| ESE | .7 | 2.9 | 7.6 | 5.5 | .3 | .1 | .1 | | | | | 17.2 | 9.8 |
| SE | 1.1 | 2.1 | 9.4 | 13.2 | .9 | .1 | | | | | | 26.8 | 11.0 |
| SSE | .3 | 2.3 | 5.4 | 6.3 | 1.9 | | | | | | | 16.2 | 11.1 |
| S | .9 | 1.7 | 1.1 | .8 | .4 | | | | | | | 4.9 | 7.9 |
| SSW | | .1 | | .2 | | | | | | | | .3 | 12.0 |
| SW | .3 | .2 | | | | | | | | | | .6 | 3.6 |
| WSW | .2 | .1 | .1 | | | | | | | | | .4 | 4.3 |
| W | .1 | .1 | .6 | | | | | | | | | .9 | 8.0 |
| WNW | .2 | .3 | .8 | .4 | | | | | | | | 1.8 | 9.6 |
| NW | .4 | .7 | .6 | 1.3 | .6 | .1 | | | | | | 3.7 | 11.2 |
| NNW | .8 | .9 | 1.0 | 2.2 | .7 | .1 | | | | | | 5.7 | 10.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 7.8 | 17.0 | 32.5 | 33.0 | 6.0 | .4 | .1 | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 695

USAF CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 002015 LAUGHLIN AFB TX STATION NAME YEARS 70,73-81 MONTH APR
CLASS ALL WEATHER 1800-2000
CONDITION HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 2.3 | 1.7 | 2.0 | .6 | .5 | | | | | | 7.9 | 5.2 |
| NNE | .5 | 1.6 | 1.1 | .5 | | | | | | | | 3.7 | 6.4 |
| NE | .9 | 1.4 | .6 | .4 | | | | | | | | 3.2 | 5.7 |
| ENE | .5 | .9 | .5 | | | | | | | | | 1.9 | 5.0 |
| E | 2.0 | 4.2 | 2.5 | .4 | | | | | | | | 9.3 | 5.5 |
| ESE | 1.6 | 6.6 | 9.3 | 8.7 | .4 | | | | | | | 26.5 | 6.8 |
| SE | 1.6 | 5.3 | 6.6 | 6.4 | 1.2 | | | | | | | 21.1 | 9.2 |
| SSE | 1.1 | 3.1 | 2.8 | 1.9 | .4 | | | | | | | 9.3 | 8.0 |
| S | 1.7 | 1.6 | .6 | .4 | | | | | | | | 4.3 | 5.0 |
| SSW | .6 | .2 | | | | | | | | | | .9 | 3.0 |
| SW | .4 | | .1 | | | | | | | | | .5 | 4.0 |
| WSW | .4 | .1 | | | | | | | | | | .5 | 3.3 |
| W | .4 | | | .1 | | | | | | | | .5 | 4.5 |
| WNW | | .1 | .2 | .1 | | | .1 | | | | | .6 | 13.6 |
| NW | .1 | .5 | .7 | .4 | .1 | | | | | | | 1.9 | 8.9 |
| NNW | .4 | .1 | .7 | .5 | .4 | | | | | | | 2.1 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.2 | |
| | 12.0 | 28.1 | 27.6 | 21.6 | 3.1 | .5 | .1 | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 809

CLIMATE CLIMATOLOGY BRANCH
METAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722515
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.6 | 1.9 | 1.6 | .3 | | | | | | | 5.6 | 8.6 |
| NNE | 1.8 | 2.9 | .5 | .6 | .1 | | | | | | | 5.9 | 5.4 |
| NE | 1.1 | 1.3 | .9 | .3 | | | | | | | | 3.5 | 5.5 |
| ENE | 1.3 | 1.0 | .1 | .1 | | | | | | | | 2.5 | 4.1 |
| E | 3.3 | 6.5 | 3.1 | 1.5 | .3 | .1 | | | | | | 14.8 | 6.3 |
| ESE | 2.8 | 8.9 | 12.8 | 8.0 | .5 | | | | | | | 32.9 | 8.3 |
| SE | 1.4 | 4.6 | 4.5 | 2.8 | .9 | | | | | | | 14.1 | 6.2 |
| SSE | 1.5 | 1.4 | .9 | .6 | .1 | | | | | | | 4.5 | 6.2 |
| S | .9 | .8 | .1 | | | | | | | | | 1.8 | 3.6 |
| SSW | .6 | .4 | | | | | | | | | | 1.0 | 3.1 |
| SW | .4 | | | | | | | | | | | .4 | 2.3 |
| WSW | | .3 | | | | | | | | | | .3 | 5.0 |
| W | .3 | | .1 | | | | | | | | | .4 | 5.0 |
| WNW | .3 | .4 | .6 | .1 | | | | | | | | 1.4 | 7.2 |
| NW | .1 | .3 | .1 | .3 | | | | | | | | .8 | 8.2 |
| NNW | .1 | .5 | .4 | .5 | .5 | | | | | | | 2.0 | 11.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.1 | |
| | 16.0 | 30.7 | 26.0 | 16.4 | 2.6 | .1 | | | | | | 102.3 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.7 | 1.5 | 1.3 | .5 | .1 | | | | | | 6.1 | 8.5 |
| NNE | 1.1 | 1.3 | .5 | .3 | .0 | .0 | | | | | | 3.2 | 5.5 |
| NE | .6 | .9 | .5 | .2 | .0 | .0 | | | | | | 2.2 | 5.8 |
| ENE | .8 | .7 | .3 | .1 | .0 | | | | | | | 1.9 | 5.0 |
| E | 1.7 | 4.7 | 2.7 | .6 | .1 | .0 | | | | | | 9.1 | 6.0 |
| ESE | 1.4 | 5.5 | 10.7 | 5.3 | .3 | .0 | .0 | | | | | 23.2 | 8.5 |
| SE | 1.2 | 3.8 | 9.0 | 8.0 | .6 | .0 | | | | | | 22.7 | 9.6 |
| SSE | .9 | 1.8 | 3.4 | 3.5 | .6 | .0 | | | | | | 10.3 | 9.6 |
| S | .7 | 1.0 | .6 | .3 | .1 | | | | | | | 2.7 | 6.4 |
| SSW | .2 | .3 | .1 | .0 | | | | | | | | .6 | 5.3 |
| SW | .7 | .1 | .0 | | | | | | | | | .4 | 3.8 |
| WSW | .1 | .1 | .0 | | | | | | | | | .2 | 4.6 |
| W | .3 | .4 | .1 | .1 | .0 | | | | | | | .9 | 5.6 |
| WNW | .3 | .6 | .5 | .2 | .1 | | .0 | | | | | 1.7 | 7.5 |
| NW | .4 | 1.0 | 1.0 | .8 | .2 | .0 | | | | | | 3.4 | 8.5 |
| NNW | .5 | .9 | 1.2 | 1.7 | .7 | .1 | | | | | | 5.1 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 11.6 | 24.1 | 32.3 | 22.4 | 3.2 | .3 | .0 | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS

6547

AL CLIMATOLOGY BRANCH
 ETAC
 A WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72015 STATION LAUGHLIN AFB TX STATION NAME 70.75-81 YEARS MAY MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 1.7 | .5 | .5 | | | | | | | | 4.1 | 5.2 |
| NNE | .9 | .9 | | .3 | | | | | | | | 2.1 | 4.7 |
| NE | .9 | 1.1 | .6 | .3 | | | | | | | | 2.9 | 5.6 |
| ENE | 1.5 | 2.1 | .8 | .2 | | | | | | | | 4.4 | 4.9 |
| E | 3.2 | 6.9 | 4.9 | 2.4 | | | | | | | | 18.3 | 6.3 |
| ESE | 2.9 | 6.4 | 12.1 | 4.4 | .5 | | | | | | | 26.3 | 7.7 |
| SE | 1.2 | 4.6 | 7.3 | 6.3 | .2 | | | | | | | 19.5 | 9.1 |
| SSE | .6 | 1.8 | 1.5 | .9 | .3 | | | | | | | 5.2 | 7.6 |
| S | .3 | .5 | .3 | .9 | | | | | | | | 2.0 | 8.6 |
| SSW | | .5 | .3 | | | | | | | | | .8 | 6.4 |
| SW | .2 | | .2 | | | | | | | | | .3 | 5.0 |
| WSW | .5 | .3 | | | | | | | | | | .8 | 2.8 |
| W | .2 | | .2 | | | | | | | | | .3 | 4.5 |
| WNW | | .6 | .2 | | | | | | | | | .8 | 5.6 |
| NW | .2 | .2 | .2 | .2 | | | | | | | | .6 | 6.5 |
| NNW | .8 | .2 | | .5 | | | | | | | | 1.4 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.5 | |
| | 15.4 | 29.5 | 26.9 | 16.8 | .9 | | | | | | | 120.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 655

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722015
STATION

LAUGHLIN AFB TX
STATION NAME

70, 75-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | .7 | 1.0 | .1 | .3 | | | | | | | 3.0 | 7.4 |
| NNE | 1.1 | .7 | | .1 | | | | | | | | 2.0 | 3.9 |
| NE | .6 | .3 | .9 | .1 | .1 | | | | | | | 2.0 | 7.3 |
| ENE | 1.9 | 2.0 | 1.4 | .1 | .1 | | | | | | | 5.6 | 5.4 |
| E | 3.6 | 9.3 | 5.4 | .7 | | .1 | | | | | | 19.1 | 5.8 |
| ESE | 2.0 | 8.3 | 11.4 | 3.7 | | | | | | | | 25.4 | 7.6 |
| SE | 1.4 | 3.7 | 8.4 | 5.0 | | | | | | | | 18.5 | 8.5 |
| SSE | .4 | 1.0 | 2.1 | .4 | .1 | | | | | | | 4.2 | 8.1 |
| S | .4 | .9 | 1.0 | .3 | | .1 | | | | | | 2.2 | 7.5 |
| SSW | .1 | .1 | .3 | | | | | | | | | .6 | 5.8 |
| SW | .3 | | | | | | | | | | | .3 | 1.5 |
| WSW | .1 | | | | | | | | | | | .1 | 3.0 |
| W | .3 | .1 | .1 | | | | | | | | | .6 | 4.8 |
| WNW | .6 | 1.1 | | .1 | | | | | | | | 1.9 | 4.2 |
| NW | .7 | .3 | .1 | .1 | | | | | | | | 1.3 | 4.6 |
| NNW | 1.1 | .3 | .3 | .1 | .1 | | | | | | | 2.0 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.0 | |
| | 15.5 | 28.8 | 32.5 | 11.1 | .9 | .3 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

702

CLIMATE CLIMATOLOGY BRANCH
 AFETAC
 ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122415
 STATION

LAUGHLIN AFB TX

STATION NAME

70.73-81

YEARS

MAY
 MONTH

ALL WEATHER

CLASS

500-0600
 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.4 | .8 | .5 | .1 | .2 | | | | | | 4.1 | 7.1 |
| NNE | .6 | .6 | .1 | .1 | | | | | | | | 1.4 | 4.6 |
| NE | .0 | .3 | .5 | .1 | .2 | | | | | | | 2.0 | 6.1 |
| ENE | 1.6 | .9 | .1 | | | | | | | | | 2.6 | 3.3 |
| E | 2.2 | 7.5 | 6.3 | .7 | | | | | | | | 17.6 | 5.9 |
| ESE | 1.9 | 6.7 | 12.5 | 3.2 | | | | | | | | 25.2 | 7.7 |
| SE | .2 | 5.3 | 12.1 | 3.7 | | | | | | | | 21.9 | 6.1 |
| SSE | .5 | 2.1 | 2.1 | .8 | | | | | | | | 5.5 | 7.7 |
| S | .6 | .8 | .8 | | | | | | | | | 2.1 | 5.4 |
| SSW | .1 | .1 | .1 | | | | | | | | | .3 | 5.2 |
| SW | | .1 | | | | | | | | | | .1 | 6.0 |
| WSW | .5 | | | | | | | | | | | .3 | 2.0 |
| W | | .2 | .1 | .1 | | | | | | | | .5 | 6.0 |
| WNW | .8 | .9 | .2 | | .1 | | | | | | | 2.0 | 5.1 |
| NW | .7 | 1.4 | .7 | .1 | | | | | | | | 2.8 | 5.5 |
| NNW | .7 | .9 | .6 | .7 | .2 | | | | | | | 3.1 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.0 | |
| | 13.7 | 29.2 | 38.0 | 10.0 | .7 | .2 | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS

584

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 70,73-15 STATION NAME LAUGHLIN AFB TX YEARS 70,73-81 MONTH MAY
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .8 | 1.1 | 1.1 | .2 | | | | | | | 2.7 | .8 |
| NNE | .1 | .5 | .3 | .1 | .1 | | | | | | | 1.2 | 7.7 |
| NE | .5 | .5 | .3 | .1 | | | | | | | | 1.5 | 5.1 |
| ENE | .9 | .4 | .5 | | .1 | | | | | | | 2.0 | 5.5 |
| E | .9 | 1.9 | 2.7 | 1.1 | | | | | | | | 6.6 | 7.3 |
| ESE | 1.2 | 4.2 | 10.3 | 3.9 | | | | | | | | 19.6 | 8.2 |
| SE | 1.0 | 5.9 | 14.4 | 6.2 | .1 | | | | | | | 27.7 | 8.6 |
| SSE | 1.2 | 4.0 | 8.2 | 3.5 | .1 | | | | | | | 17.0 | 6.3 |
| S | 1.3 | 1.6 | 1.9 | .5 | | | | | | | | 5.4 | 6.2 |
| SSW | .7 | .1 | .3 | | | | | | | | | 1.1 | 4.2 |
| SW | | .3 | | | | | | | | | | .3 | 5.0 |
| WSW | .2 | .1 | .1 | | | | | | | | | .4 | 3.8 |
| W | .3 | .4 | | | | | | | | | | .8 | 3.9 |
| WNW | .2 | .4 | .3 | .8 | | | | | | | | 1.4 | 8.2 |
| NW | .2 | 1.0 | 1.2 | .8 | | | | | | | | 3.2 | 8.4 |
| NNW | .2 | 1.3 | 1.1 | .8 | .1 | | | | | | | 3.5 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 9.5 | 23.6 | 42.8 | 18.6 | .8 | | | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 913

USAF CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122-15
STATION

LAUGHLIN AFB TX

STATION NAME

70,73-81

YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .6 | 2.5 | 1.4 | .2 | | | | | | | 6.3 | 6.9 |
| NNE | .3 | .6 | .3 | .1 | .1 | | | | | | | 1.5 | 6.6 |
| NE | .5 | .3 | .3 | | | | | | | | | 1.2 | 4.7 |
| ENE | .5 | .5 | .9 | .1 | | | | | | | | 2.1 | 6.2 |
| E | 1.2 | 1.7 | 2.8 | .4 | | | | | | | | 6.2 | 6.5 |
| ESE | 1.3 | 3.9 | 7.5 | 4.7 | | | | | | | | 17.3 | 8.6 |
| SE | .9 | 5.5 | 10.7 | 7.9 | | | | | | | | 25.0 | 9.0 |
| SSE | .6 | 4.5 | 8.7 | 5.3 | | | | | | | | 19.2 | 8.9 |
| S | 1.6 | 1.8 | 1.7 | 1.5 | | | | | | | | 6.7 | 6.9 |
| SSW | .4 | | .1 | | | | | | | | | .5 | 3.2 |
| SW | .4 | .3 | .2 | | | | | | | | | 1.0 | 4.6 |
| WSW | .4 | .2 | | | | | | | | | | .6 | 2.8 |
| W | .2 | .3 | | | | | | | | | | .5 | 3.6 |
| WNW | .3 | .4 | .4 | .2 | | | | | | | | 1.4 | 6.7 |
| NW | .4 | .9 | 1.2 | .5 | | | | | | | | 3.0 | 7.5 |
| NNW | .3 | .6 | .6 | 1.3 | .2 | | | | | | | 3.1 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .3 | |
| | 10.2 | 22.5 | 38.0 | 23.5 | .5 | | | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS

724

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAUGHLIN AFB TX STATION NAME 70,73-81 YEARS 1950-1954
 CLASS ALL WEATHER MONTH 1950-1954
 CONDITION HOURLY (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 1.0 | 2.1 | .9 | | | | | | | | 4.7 | 8.0 |
| NNE | .3 | .2 | .7 | .2 | | .1 | | | | | | 1.5 | 8.4 |
| NE | .5 | .9 | .9 | | | | | | | | | 2.5 | 5.3 |
| ENE | .3 | 1.1 | 1.1 | .1 | | | | | | | | 3.0 | 6.5 |
| E | .9 | 3.4 | 4.8 | 1.3 | .2 | | | | | | | 10.5 | 7.6 |
| ESE | 1.7 | 3.2 | 9.1 | 6.6 | .2 | | | | | | | 19.8 | 9.4 |
| SE | .7 | 4.3 | 15.6 | 9.3 | .2 | | | | | | | 25.1 | 9.6 |
| SSE | .9 | 1.0 | 5.8 | 6.1 | .1 | | | | | | | 14.7 | 9.8 |
| S | .4 | 1.1 | 1.5 | 1.4 | | | | | | | | 4.9 | 8.0 |
| SSW | .4 | .4 | | | | | | | | | | .9 | 3.0 |
| SW | .2 | .2 | .1 | | | | | | | | | .5 | 5.0 |
| WSW | .1 | .4 | .4 | | | | | | | | | 1.0 | 6.4 |
| W | .1 | .2 | .2 | | | .1 | | | | | | .7 | 8.6 |
| WNW | .3 | .3 | .2 | .2 | | | | | | | | 1.1 | 6.7 |
| NW | .2 | .4 | .7 | .1 | | | | | | | | 1.5 | 6.3 |
| NNW | .7 | 1.0 | 1.3 | 1.1 | .2 | | | | | | | 4.3 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.4 | |
| | 3.2 | 20.2 | 39.6 | 27.4 | 1.0 | .2 | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 910

41 CLIMATOLOGY BRANCH
 STAG
 METEOROLOGICAL SERVICE-MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 70, 73-81 MONTH MAY

CLASS ALL WEATHER 1950-1959 1960-1969
 MOVED (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.5 | 1.7 | .1 | | | | | | | | 4.6 | 5.2 |
| NNE | .4 | .6 | .4 | .7 | | | | | | | | 2.4 | 7.7 |
| NE | .4 | 1.0 | .6 | .2 | | | | | | | | 2.7 | 6.4 |
| ENE | .4 | .7 | .4 | .2 | | | | | | | | 1.9 | 6.1 |
| E | 2.1 | 0.5 | 5.7 | 2.0 | | .2 | | | | | | 10.4 | 7.2 |
| ESE | 1.1 | 5.1 | 1.5 | 4.7 | .5 | | | | | | | 21.9 | 6.5 |
| SE | 1.2 | 5.7 | 9.9 | 1.4 | .1 | .1 | | | | | | 23.5 | 8.4 |
| SSE | 1.4 | 3.5 | 4.0 | 1.5 | .2 | | | | | | | 10.6 | 7.4 |
| S | 1.2 | 1.2 | 2.1 | .4 | .1 | | | | | | | 4.6 | 7.2 |
| SSW | .4 | .7 | .2 | | | | | | | | | 1.4 | 4.3 |
| SW | .2 | .1 | .1 | .1 | .1 | | | | | | | 1.2 | 7.1 |
| WSW | .2 | .7 | | | | | | | | | | 1.2 | 4.6 |
| W | .4 | | .4 | | | | | | | | | .7 | 5.0 |
| WNW | .1 | | .1 | | .1 | | | | | | | .4 | 10.3 |
| NW | .2 | .4 | .4 | | | | | | | | | 1.0 | 5.3 |
| NNW | .2 | .1 | .4 | .4 | .2 | | | | | | | 1.4 | 10.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 11.4 | 26.8 | 36.8 | 16.8 | 1.5 | .4 | | | | | | 102.2 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 81

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WII

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAUGHLIN AFB TX YEARS 70, 73, 75-81

ALL WEATHER

CLASS

CONDITION

2100 HOURS

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|
| N | 1.7 | 1.7 | .7 | .4 | | .1 | | | | | | 4.7 |
| NNE | 1.7 | .9 | .8 | .3 | | | | | | | | 3.7 |
| NE | 1.4 | .7 | .4 | .1 | | | | | | | | 2.7 |
| ENE | 1.7 | .7 | .5 | .1 | | | | | | | | 1.3 |
| E | 4.3 | 7.8 | 7.2 | 3.7 | | | | | | | | 22.4 |
| ESE | 3.4 | 2.3 | 6.6 | 4.6 | 1.3 | .1 | | | | | | 20.3 |
| SE | 7.3 | 4.6 | 4.7 | 3.8 | .3 | | | | | | | 15.6 |
| SSE | 1.7 | 2.9 | 2.5 | .5 | | | | | | | | 7.0 |
| S | .5 | .7 | .4 | .5 | | | | | | | | 2.3 |
| SSW | .7 | .7 | .1 | | | | | | | | | 1.7 |
| SW | .3 | .1 | .3 | | | | | | | | | .7 |
| WSW | | | | | | | | | | | | |
| W | .7 | | | | | | | | | | | .3 |
| WNW | .7 | .1 | | | .1 | | | | | | | .3 |
| NW | | | .3 | | | | | | | | | .3 |
| NNW | | | .3 | .1 | | | .1 | | | | | .3 |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 |
| | 1.5 | 30.1 | 26.9 | 14.1 | 1.7 | .7 | .1 | | | | | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

U.S. DEPARTMENT OF COMMERCE
 NATIONAL METEOROLOGICAL SERVICE
 WASHINGTON, D. C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEAR 70-73-81 MONTH MAY

CLASS ALL WEATHER

CONDITION 4-6

MOUSE (L.S.T.) 4-6

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 1.2 | 1.3 | .7 | .1 | .0 | | | | | | 4.2 | 7.2 |
| NNE | .7 | .0 | .3 | .2 | .0 | .0 | | | | | | 1.4 | 6.0 |
| NE | .7 | .7 | .5 | .1 | .0 | | | | | | | 2.2 | 5.6 |
| ENE | 1.0 | 1.7 | .7 | .1 | .0 | | | | | | | 2.9 | 5.4 |
| E | 2.3 | 5.4 | 4.9 | 1.5 | .0 | .0 | | | | | | 14.2 | 6.6 |
| ESE | 1.3 | 5.8 | 10.1 | 4.5 | .3 | .0 | | | | | | 22.4 | 8.2 |
| SE | 1.2 | 5.0 | 10.0 | 5.2 | .1 | .0 | | | | | | 22.5 | 9.7 |
| SSE | .2 | 2.3 | 4.6 | 2.6 | .1 | | | | | | | 11.0 | 3.3 |
| S | .9 | 1.1 | 1.3 | .7 | .0 | .0 | | | | | | 4.0 | 7.3 |
| SSW | .3 | .4 | .2 | | | | | | | | | .9 | 4.4 |
| SW | .2 | .2 | .1 | .0 | .0 | | | | | | | .6 | 5.4 |
| WSW | .2 | .2 | .1 | | | | | | | | | .3 | 4.0 |
| W | .2 | .2 | .1 | .0 | | .0 | | | | | | .5 | 5.4 |
| WNW | .2 | .5 | .2 | .1 | .0 | | | | | | | 1.2 | 6.2 |
| NW | .4 | .0 | .6 | .2 | | | | | | | | 1.3 | 6.5 |
| NNW | .5 | .5 | .6 | .7 | .2 | | .0 | | | | | 2.5 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.7 | |
| | 12.5 | 26.3 | 35.7 | 17.6 | 1.0 | .2 | .0 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 6569

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAUGHLIN AFB TX YEARS 70, 73-81 MONTH JUN
STATION NAME ALL WEATHER CLAS NOVS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | .6 | .2 | | | | | | | | | 1.1 | 4.3 |
| NNE | .3 | 1.4 | | | | | | | | | | 2.2 | 3.7 |
| NE | .2 | .9 | .2 | .3 | | | | | | | | 2.2 | 5.4 |
| ENE | .5 | .8 | .3 | .3 | .2 | | | | | | | 2.0 | 7.6 |
| E | 3.6 | 6.6 | 4.1 | 2.2 | | | | | | | | 16.5 | 6.3 |
| ESE | 3.8 | 11.1 | 16.1 | 10.0 | .3 | | | | | | | 41.4 | 8.7 |
| SE | 1.9 | 4.5 | 13.3 | 5.3 | | | | | | | | 25.1 | 8.4 |
| SSE | .2 | .7 | .6 | .8 | | | | | | | | 2.4 | 6.5 |
| S | .5 | | | | | | | | | | | .5 | 1.7 |
| SSW | | | | | | | | | | | | | |
| SW | | | .2 | | | | | | | | | .2 | 7.0 |
| WSW | | | .3 | | .2 | | | | | | | .5 | 11.3 |
| W | | .2 | | | | | | | | | | .2 | 5.0 |
| WNW | | | | | | | | | | | | | |
| NW | | .2 | | | | | | | | | | .2 | 6.2 |
| NNW | .2 | .2 | .2 | .2 | | | | | | | | .6 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 12.4 | 27.3 | 35.4 | 19.1 | .6 | | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 634

CLIMATE CLIMATOLOGY BRANCH
 WLTAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAUGHLIN AFB TX STATION NAME 70,73,75-81 YEARS JUN
 CLASS ALL WEATHER MONTH JUN
 CONDITION 0300-0500
 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .6 | .3 | .1 | | | | | | | | 1.9 | 4.8 |
| NNE | .7 | 1.5 | .3 | | | | | | | | | 2.5 | 4.3 |
| NE | .5 | 1.2 | .3 | | | | | | | | | 2.0 | 4.3 |
| ENE | .7 | 1.7 | .4 | | | | | | | | | 2.9 | 5.1 |
| E | 2.0 | 11.4 | 7.0 | .7 | | | | | | | | 21.9 | 5.9 |
| ESE | 2.5 | 14.3 | 18.4 | 5.1 | | | | | | | | 40.4 | 7.4 |
| SE | 1.2 | 4.4 | 9.8 | 2.2 | | | | | | | | 17.6 | 7.7 |
| SSE | .3 | .6 | 1.0 | .1 | | | | | | | | 2.0 | 7.1 |
| S | | | .1 | | | | | | | | | .1 | 6.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | .1 | | | | | | | | | .1 | 7.0 |
| W | | .1 | .1 | | | | | | | | | .3 | 6.5 |
| WNW | | .3 | | | | | | | | | | .3 | 4.5 |
| NW | | .7 | | | | | | | | | | .7 | 4.2 |
| NNW | .3 | .6 | | | | | | | | | | .3 | 3.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .3 | |
| | 10.2 | 37.3 | 37.9 | 8.3 | | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 680

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 700615 LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS JUL
 DATE 1600-0000 MONTH 1600-0000
 CLASS ALL WEATHER
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.2 | .4 | | | | | | | | | 2.6 | 4.2 |
| NNE | .6 | .7 | .2 | .2 | .1 | | | | | | | 1.9 | 6.5 |
| NE | .9 | .8 | .4 | .1 | | | | | | | | 2.2 | 4.5 |
| ENE | .2 | 1.1 | .4 | | | | | | | | | 2.2 | 4.3 |
| E | 2.2 | 9.6 | 6.8 | .8 | | | | | | | | 19.2 | 6.2 |
| ESE | 1.6 | 9.8 | 19.0 | 2.8 | | | | | | | | 33.3 | 7.6 |
| SE | .4 | 4.5 | 14.4 | 6.0 | | | | | | | | 25.2 | 9.0 |
| SSE | .2 | 1.1 | 2.7 | .7 | | | | | | | | 4.7 | 8.0 |
| S | .4 | .4 | .1 | .2 | | | | | | | | 1.1 | 6.2 |
| SSW | .1 | .1 | .1 | | | | | | | | | .4 | 4.7 |
| SW | .1 | | | | | | | | | | | .1 | 3.0 |
| WSW | | | | | | | | | | | | | |
| W | .1 | .2 | | .1 | | | | | | | | .5 | 6.8 |
| WNW | .1 | .1 | .1 | | | | | | | | | .4 | 5.0 |
| NW | | .5 | .2 | | | | | | | | | .7 | 5.8 |
| NNW | .1 | .4 | .1 | | | | | | | | | .6 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.0 | |
| | 8.6 | 30.4 | 44.9 | 11.0 | .1 | | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 053

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702518 STATION LAUGHLIN AFB TX 70.73-81 YEARS JUN MONTH
STATION NAME CLASS ALL WEATHER
CONDITION 0900-1100 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | .9 | .9 | .3 | | | | | | | | 2.4 | 7.0 |
| NNE | | .3 | .1 | .3 | .2 | | | | | | | 1.0 | 10.9 |
| NE | .9 | .2 | .2 | | | | | | | | | 1.2 | 4.0 |
| ENE | .4 | .4 | .4 | .2 | | | | | | | | 1.6 | 6.3 |
| E | .3 | 1.6 | 3.6 | .3 | | | | | | | | 5.8 | 7.2 |
| ESE | .3 | 3.4 | 8.9 | 3.0 | .3 | | | | | | | 16.4 | 8.6 |
| SE | 1.2 | 5.7 | 21.3 | 10.4 | .2 | | | | | | | 38.9 | 9.1 |
| SSE | 1.2 | 4.4 | 12.6 | 4.2 | | | | | | | | 22.3 | 0.4 |
| S | .4 | 1.5 | 1.6 | .2 | | | | | | | | 3.7 | 6.7 |
| SSW | .2 | | .1 | .1 | | | | | | | | .4 | 6.0 |
| SW | .1 | .1 | .1 | | | | | | | | | .3 | 5.3 |
| WSW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| W | .3 | .1 | | | | | | | | | | .4 | 2.8 |
| WNW | | .2 | .1 | | | | | | | | | .3 | 5.0 |
| NW | .2 | .3 | .3 | | | | | | | | | .9 | 5.5 |
| NNW | .4 | .3 | .3 | .1 | | | | | | | | 1.2 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 6.5 | 20.1 | 50.6 | 19.3 | .8 | | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 891

JOINT CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 102415 LAUGHLIN AFB TX STATION NAME 70,73-81 YEARS JUN
MONTH 1250-1470
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | .4 | .9 | | .1 | | | | | | | 1.7 | 7.3 |
| NNE | .1 | .3 | .4 | .2 | | | | | | | | 1.1 | 7.5 |
| NE | .1 | .2 | .2 | | .1 | | | | | | | 1.2 | 6.7 |
| ENE | .3 | .4 | .4 | | | | | | | | | 1.6 | 5.1 |
| E | .6 | 2.2 | 4.0 | .9 | | | | | | | | 7.7 | 7.6 |
| ESE | .9 | 2.6 | 6.1 | 4.2 | | | | | | | | 13.8 | 8.9 |
| SE | .7 | 4.1 | 17.4 | 11.4 | .4 | | | | | | | 34.1 | 9.7 |
| SSE | .7 | 5.2 | 11.1 | 9.2 | .3 | | | | | | | 2.6 | 9.5 |
| S | .3 | 2.7 | 2.2 | 1.2 | .1 | | | | | | | 6.6 | 8.0 |
| SSW | .3 | .4 | | | | | | | | | | .9 | 3.6 |
| SW | | | .1 | | | | | | | | | .1 | 7.0 |
| WSW | .1 | .2 | | | | | | | | | | .3 | 3.7 |
| W | | .1 | .1 | | | | | | | | | .2 | 7.0 |
| WNW | | .1 | .1 | | | | | | | | | .2 | 6.5 |
| NW | | .4 | .1 | | | | | | | | | .6 | 6.2 |
| NNW | .3 | .1 | 1.2 | .4 | | | | | | | | 2.1 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 4.7 | 20.6 | 44.6 | 27.7 | 1.1 | | | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702410
STATION

LAUGHLIN AFB TX

STATION NAME

70.73-81

YEARS

JULY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | .7 | 1.5 | | | | | | | | | 2.5 | 6.6 |
| NNE | .1 | .5 | .5 | .5 | | | | | | | | 1.5 | 8.5 |
| NE | .1 | .6 | .3 | .1 | | | | | | | | 1.1 | 6.7 |
| ENE | .2 | .9 | .3 | .1 | | .2 | | | | | | 1.8 | 8.9 |
| E | .7 | 2.3 | 4.3 | 1.6 | .1 | | | | | | | 8.9 | 8.1 |
| ESE | .6 | 3.0 | 9.1 | 8.2 | .7 | | | | | | | 21.7 | 10.0 |
| SE | .5 | 4.4 | 14.2 | 15.7 | .7 | | | | | | | 35.4 | 10.3 |
| SSE | .2 | 1.7 | 9.1 | 7.3 | | | | | | | | 18.4 | 10.3 |
| S | .3 | .9 | 1.8 | .9 | | | | | | | | 4.0 | 8.2 |
| SSW | .1 | .5 | .1 | | .1 | | | | | | | .8 | 7.0 |
| SW | .1 | .2 | | | | | | | | | | .3 | 3.0 |
| WSW | .5 | | | | | | | | | | | .5 | 2.0 |
| W | | .1 | | | | | | | | | | .1 | 4.0 |
| WNW | | | | | | | | | | | | | |
| NW | .1 | .3 | .3 | | | | | | | | | .4 | 5.9 |
| NNW | .1 | .5 | .7 | | | | | | | | | 1.2 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 4.0 | 16.5 | 42.3 | 34.4 | 1.6 | .2 | | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS

886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722015
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .0 | .4 | .1 | | | | | | | | 1.0 | 5.3 |
| NNE | .4 | .4 | .7 | .1 | | | | | | | | 1.6 | 7.1 |
| NE | .2 | .2 | .7 | .1 | | | | | | | | 1.3 | 7.0 |
| ENE | .6 | .4 | 1.0 | .4 | | | | | | | | 2.3 | 6.8 |
| E | 1.1 | 4.3 | 5.8 | 3.1 | .1 | | | | | | | 14.3 | 8.1 |
| ESE | .7 | 5.4 | 11.5 | 8.4 | .4 | | | | | | | 26.4 | 9.1 |
| SE | 1.0 | 6.1 | 14.4 | 9.3 | .2 | | | | | | | 33.0 | 8.8 |
| SSE | .5 | 2.4 | 6.4 | 3.5 | .2 | | | | | | | 13.1 | 9.2 |
| S | .5 | .4 | .6 | .4 | | | | | | | | 1.8 | 6.7 |
| SSW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| SW | .2 | .1 | .2 | | | | | | | | | .6 | 6.0 |
| WSW | | .1 | .2 | | | | | | | | | .4 | 6.3 |
| W | | | | | | | | | | | | | |
| WNW | .2 | .1 | | | | | | | | | | .4 | 3.0 |
| NW | .1 | .2 | | | | | | | | | | .4 | 4.3 |
| NNW | | .4 | .1 | .1 | .1 | | | | | | | .7 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 6.2 | 23.5 | 42.1 | 25.6 | 1.1 | | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS

517

U.S. AIR FORCE
CLIMATE BRANCH
METEOROLOGICAL
AND WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 722615 LAUGHLIN AFB TX STATION NAME 70,73-81 YEARS JUN
MONTHS 1960-1960
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | .9 | .3 | .3 | | | | | | | | 2.4 | 4.6 |
| NNE | .8 | .8 | .3 | .1 | .1 | | | | | | | 3.1 | 5.1 |
| NE | .5 | .8 | .4 | .1 | | | | | | | | 1.8 | 5.4 |
| ENE | .9 | .5 | .3 | .1 | | | | | | | | 1.8 | 4.6 |
| E | 2.4 | 11.0 | 8.5 | 3.0 | | | | | | | | 24.9 | 7.0 |
| ESE | 3.5 | 12.3 | 15.2 | 5.1 | .3 | | | | | | | 38.5 | 7.4 |
| SE | 2.6 | 7.1 | 5.8 | 4.5 | .8 | | | | | | | 20.7 | 7.8 |
| SSE | .5 | 1.0 | .9 | .4 | | | | | | | | 2.9 | 6.5 |
| S | .7 | .4 | | | | | | | | | | 1.0 | 3.0 |
| SSW | .3 | | | | | | | | | | | .3 | 2.0 |
| SW | | .1 | | | | | | | | | | .1 | 4.0 |
| WSW | .1 | | .1 | | | | | | | | | .3 | 6.0 |
| W | | | .7 | | | | | | | | | .3 | 6.5 |
| WNW | .1 | | .1 | | | | | | | | | .3 | 6.5 |
| NW | | .4 | | | | | | | | | | .4 | 4.7 |
| NNW | | | .1 | | | | | | | | | .1 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.1 | |
| | 13.4 | 35.4 | 32.3 | 13.6 | 1.2 | | | | | | | 100.7 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 762

1
CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122015 LAUGHLIN AFB TX 77, 73-81 JUN
STATION STATION NAME YEAR MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .3 | .6 | .1 | .0 | | | | | | | 2.1 | 5.7 |
| NNE | .4 | .7 | .7 | .2 | .1 | | | | | | | 1.7 | 6.5 |
| NE | .5 | .7 | .3 | .1 | .0 | | | | | | | 1.6 | 5.4 |
| ENE | .5 | .8 | .5 | .1 | .0 | .0 | | | | | | 2.0 | 6.0 |
| E | 1.6 | 5.9 | 5.4 | 1.5 | .0 | | | | | | | 14.4 | 6.9 |
| ESE | 1.6 | 7.4 | 12.7 | 5.7 | .2 | | | | | | | 27.7 | 8.3 |
| SE | 1.1 | 5.3 | 14.1 | 6.5 | .3 | | | | | | | 29.4 | 9.1 |
| SSE | .5 | 2.3 | 6.0 | 3.6 | .1 | | | | | | | 12.4 | 9.1 |
| S | .4 | .5 | .9 | .4 | .0 | | | | | | | 2.5 | 7.0 |
| SSW | .2 | .2 | .0 | .0 | .0 | | | | | | | .4 | 4.9 |
| SW | .1 | .1 | .1 | | .0 | | | | | | | .2 | 5.1 |
| WSW | .1 | .1 | .1 | | .0 | | | | | | | .3 | 5.4 |
| W | .1 | .1 | .1 | .0 | | | | | | | | .2 | 5.7 |
| WNW | .1 | .1 | .1 | | | | | | | | | .2 | 5.1 |
| NW | .1 | .4 | .1 | | | | | | | | | .6 | 5.4 |
| NNW | .2 | .3 | .4 | .1 | .0 | | | | | | | 1.5 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 7.9 | 25.8 | 41.8 | 20.4 | .8 | .0 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 6432

U.S. AIR FORCE
 CLIMATE DIVISION
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION DAUGHLIN AFB TX YEARS 72-73-81 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359
 CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | | | | | | | | | | | .2 | 2.2 |
| NNE | .5 | | | | | | | | | | | .5 | 2.5 |
| NE | .3 | .2 | .3 | | | | | | | | | .9 | 4.7 |
| ENE | .4 | .9 | .5 | | | | | | | | | 2.3 | 4.5 |
| E | 3.2 | 6.6 | 4.8 | .5 | | | | | | | | 15.0 | 5.6 |
| ESE | 2.4 | 9.8 | 21.4 | 8.4 | .5 | | | | | | | 42.4 | 6.3 |
| SE | 2.0 | 5.7 | 14.7 | 5.4 | .3 | | | | | | | 25.1 | 6.4 |
| SSE | .9 | .9 | 1.1 | .2 | | | | | | | | 3.0 | 5.6 |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | .2 | | | | | | | | | .2 | 10.0 |
| WSW | | | | | | | | | | | | | |
| W | .2 | .2 | | | | | | | | | | .2 | 3.0 |
| WNW | .2 | | | | | | | | | | | .2 | 2.0 |
| NW | .5 | | | | | | | | | | | .5 | 2.0 |
| NNW | .2 | | | | | | | | | | | .2 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.5 | |
| | 11.3 | 24.2 | 42.9 | 14.4 | .8 | | | | | | | 100.3 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 665

U.S. AIR FORCE
 CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722017
 STATION

LAUGHLIN AFB TX

STATION NAME

72, 75-81

YEARS

JUL

MONTH

ALL WEATHER

CLASS

1300-1500

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | .1 | | | | | | | | | | .5 | 2.3 |
| NNE | .1 | .1 | | | | | | | | | | .3 | 3.0 |
| NE | .4 | .3 | .1 | | .1 | | | | | | | 1.1 | 5.6 |
| ENE | 1.1 | 1.8 | .1 | | | | | | | | | 3.1 | 3.6 |
| E | 1.2 | 14.6 | 6.4 | .1 | | | | | | | | 19.4 | 4.9 |
| ESE | 3.0 | 27.5 | 17.0 | 2.3 | | | | | | | | 49.3 | 6.7 |
| SE | .7 | 5.1 | 5.5 | 1.4 | | | | | | | | 12.9 | 7.3 |
| SSE | | .7 | .3 | | | | | | | | | .8 | 6.8 |
| S | | | .1 | | | | | | | | | .1 | 9.0 |
| SSW | | .1 | | | | | | | | | | .1 | 5.7 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.4 | |
| | 14.9 | 43.7 | 31.7 | 3.8 | .1 | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS

724

U.S. AIR FORCE
 WEATHER SERVICE/PAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 70-73-81 MONTH JUL

CLASS ALL WEATHER

CONDITION 500-1000

MOON (L.B.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N | .1 | .1 | | | | | | | | | | .2 | 4.8 |
| NNE | .1 | .3 | | | | | | | | | | .4 | 2.0 |
| NE | .1 | .1 | .1 | | | | | | | | | .7 | 3.0 |
| ENE | 1.7 | 1.3 | .1 | | | | | | | | | 2.8 | 3.0 |
| E | 5.0 | 18.3 | 10.6 | .7 | | | | | | | | 34.5 | 5.7 |
| ESE | 1.9 | 12.6 | 18.0 | 3.3 | | | | | | | | 35.7 | 7.7 |
| SE | .5 | 4.4 | 11.0 | 2.5 | | | | | | | | 18.4 | 8.0 |
| SSE | .1 | .3 | 1.0 | .1 | | | | | | | | 1.8 | 7.0 |
| S | | .1 | .1 | | | | | | | | | .3 | 6.0 |
| SSW | | | | | | | | | | | | | |
| SW | | .1 | | | | | | | | | | .1 | 5.0 |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |
| | 12.3 | 37.2 | 41.0 | 2.6 | | | | | | | | | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 251

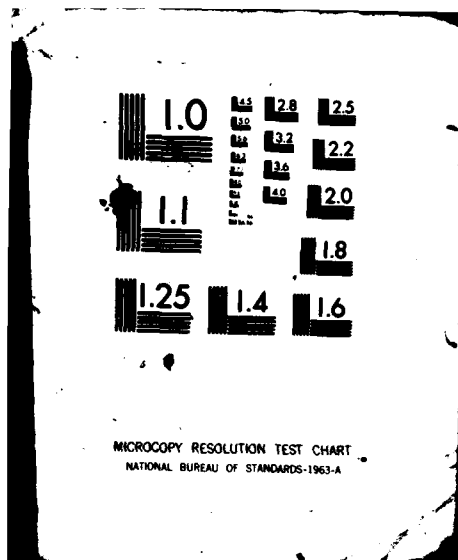
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
 LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(11)
 APR 82
 UNCLASSIFIED USAFETAC/DS-82/026 SBI-AD-E850 173 NL

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (11)
APR 82
USAFETAC/DS-82/026 SBI-AD-E850 173 NL

SBI-AD-E850 173

NL

25



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .1 | .3 | | | | | | | | | | .4 | 3.5 |
| NNE | .1 | .2 | | | | | | | | | | .3 | 5.0 |
| NE | .2 | | .1 | | | | | | | | | .3 | 4.0 |
| ENE | .5 | .1 | .1 | .1 | | | | | | | | .9 | 4.4 |
| E | .9 | 4.5 | 3.3 | .2 | | | | | | | | 8.8 | 6.1 |
| ESE | 1.7 | 8.1 | 14.3 | 2.3 | .1 | | | | | | | 26.5 | 7.4 |
| SE | 1.5 | 11.9 | 18.1 | 4.6 | .3 | | | | | | | 36.5 | 7.8 |
| SSE | .4 | 5.1 | 9.3 | 3.1 | | | | | | | | 17.9 | 8.1 |
| S | 1.0 | 1.9 | 2.1 | .1 | | | | | | | | 5.0 | 5.9 |
| SSW | .2 | | | | | | | | | | | .2 | 2.0 |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | | | | | | | | | | | | | |
| W | .2 | | | | | | | | | | | .2 | 2.0 |
| WNW | .2 | | | | | | | | | | | .2 | 2.0 |
| NW | .1 | | | | | | | | | | | .1 | 1.0 |
| NNW | .2 | .1 | .1 | | | | | | | | | .4 | 4.3 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 7.6 | 32.2 | 47.4 | 10.4 | .4 | | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS

916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615 LAUGHLIN AFB TX 70.73-81 JUL
STATION STATION NAME YEAR MONTH
ALL WEATHER
CLASS
1200-1800
PERIOD (L.S.V.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | .4 | .1 | | | .1 | | | | | | 1.1 | 6.4 |
| NNE | .2 | | | | .1 | | | | | | | .3 | 8.3 |
| NE | .2 | .1 | | .2 | | | | | | | | .5 | 7.0 |
| ENE | .5 | .1 | | .3 | | | | | | | | 1.3 | 8.7 |
| E | .9 | 3.3 | 2.4 | .9 | | | | | | | | 7.4 | 6.6 |
| ESE | 1.2 | 3.9 | 11.6 | 4.1 | | | | | | | | 20.8 | 8.3 |
| SE | 1.5 | 7.7 | 16.3 | 8.1 | .7 | | | | | | | 34.2 | 8.7 |
| SSE | 1.1 | 5.7 | 10.5 | 4.8 | .4 | | | | | | | 22.5 | 8.7 |
| S | .8 | 2.9 | 1.8 | 1.5 | .1 | | | | | | | 7.2 | 7.6 |
| SSW | .1 | .4 | | | | | | | | | | .5 | 3.6 |
| SW | .2 | .3 | | | | | | | | | | .5 | 3.6 |
| WSW | | | | | | | | | | | | | |
| W | .3 | .1 | | | | | | | | | | .4 | 2.5 |
| WWW | .3 | | | | | | | | | | | .3 | 2.3 |
| NW | .3 | | | | | | | | | | | .3 | 2.3 |
| NNW | .4 | .1 | | .1 | | | | | | | | .7 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.8 | |
| | 8.6 | 25.5 | 82.7 | 20.0 | 1.3 | .1 | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70.73-81
YEAR

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

| SPEED (KNTS) DRL | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .3 | .1 | .3 | .1 | | | | | | | | .9 | 6.1 |
| NNE | .3 | .1 | .3 | .2 | | | | | | | | 1.0 | 7.1 |
| NE | | .1 | .1 | .2 | .1 | | | | | | | .5 | 10.4 |
| ENE | .5 | .5 | .4 | | | | | | | | | 1.5 | 6.6 |
| E | 1.2 | 2.4 | 3.5 | 2.0 | | | | | | | | 9.1 | 7.7 |
| ESE | .9 | 4.2 | 13.3 | 5.6 | .3 | | | | | | | 24.2 | 6.1 |
| SE | 1.3 | 7.5 | 13.0 | 9.3 | .9 | .1 | | | | | | 32.5 | 9.2 |
| SSE | 1.4 | 4.9 | 9.0 | 5.6 | .5 | | | | | | | 21.5 | 8.9 |
| S | .7 | 1.5 | 2.4 | 1.1 | | | | | | | | 5.7 | 7.6 |
| SSW | | .1 | .1 | .1 | | | | | | | | .3 | 9.7 |
| SW | | .1 | .1 | | | | | | | | | .2 | 6.0 |
| WSW | .1 | | | | | | | | | | | .1 | 3.0 |
| W | .1 | | .2 | | | | | | | | | .3 | 7.3 |
| WNW | .1 | | .1 | .1 | | | | | | | | .3 | 7.1 |
| NW | | .1 | | | | | | | | | | .1 | 6.0 |
| NNW | .1 | | | | | | | | | | | .1 | 3.0 |
| VARL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 7.1 | 21.7 | 43.3 | 29.3 | 1.9 | .1 | | | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS

712

AL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722015 LAUGHLIN AFB TX 70.73-81 JUL
ALL WEATHER 1800-2000
0000 (LEV.1)

| SPEED (KNOTS) DRL | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| 0 | .5 | .2 | .1 | | | | | | | | | .8 | 3.6 |
| 000 | | .5 | .1 | | | | | | | | | .6 | 5.6 |
| 00 | | .5 | .2 | .1 | | | | | | | | 1.0 | 9.0 |
| 000 | .3 | | .8 | .2 | | | | | | | | 1.4 | 7.8 |
| 0 | 1.4 | 4.1 | 5.8 | 2.7 | | | | | | | | 14.0 | 7.8 |
| 000 | 2.4 | 6.3 | 19.8 | 6.8 | .8 | | | | | | | 32.7 | 8.5 |
| 00 | 1.6 | 7.1 | 13.9 | 6.8 | .9 | | .1 | | | | | 29.9 | 8.8 |
| 000 | .5 | 1.3 | 6.8 | 2.7 | .1 | | | | | | | 13.3 | 8.5 |
| 0 | .7 | 1.9 | 1.2 | .1 | | .1 | | | | | | 3.5 | 6.2 |
| 000 | .1 | .5 | | | | | | | | | | .6 | 9.2 |
| 00 | .2 | .1 | .1 | | | | | | | | | .5 | 9.3 |
| 000 | | .1 | | | | | | | | | | .1 | 9.0 |
| 0 | .2 | .1 | .1 | .1 | | | | | | | | .6 | 6.9 |
| 000 | | .1 | | | | | | | | | | .1 | 9.0 |
| 00 | | .2 | .1 | .1 | | | | | | | | .5 | 8.0 |
| 000 | | .1 | | | | | | | | | | .1 | 9.0 |
| 0000 | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 2.3 | |
| | 8.0 | 20.6 | 33.3 | 19.8 | 1.7 | .1 | .1 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
PERIOD (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .4 | | | | | | | | | | | .4 | 2.3 |
| NNE | .5 | | | .1 | | .1 | | | | | | .7 | 7.3 |
| NE | .2 | .5 | | | .1 | | | | | | | .9 | 5.9 |
| NNE | .5 | .7 | | | | | | | | | | 1.2 | 3.7 |
| E | 5.1 | 13.8 | 6.1 | 2.1 | | | | | | | | 27.1 | 5.8 |
| ESE | 3.6 | 12.4 | 13.5 | 6.6 | .2 | | | | | | | 36.4 | 7.6 |
| SE | 3.1 | 6.3 | 5.6 | 3.5 | .9 | | | | | | | 19.4 | 7.5 |
| SSE | .9 | 2.1 | .9 | .2 | | | | | | | | 4.1 | 5.8 |
| S | .5 | .4 | .1 | | | | | | | | | 1.0 | 3.9 |
| SSW | | .1 | | | | | | | | | | .1 | 5.0 |
| SW | .2 | | | | | | | | | | | .2 | 2.0 |
| WSW | | .2 | | | | | | | | | | .2 | 6.0 |
| W | | | | | | | | | | | | | |
| WW | .2 | | | | | | | | | | | .2 | 2.5 |
| WNW | .1 | | | | | | | | | | | .1 | 1.0 |
| NW | .2 | | | | | | | | | | | .2 | 2.0 |
| VAR | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.6 | |
| | 15.7 | 36.6 | 26.2 | 12.5 | 1.2 | .1 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS

805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722515 LAUGHLIN AFB TX 70.73-81 JUL
STATION MONTH YEAR
ALL WEATHER
CLASS
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .3 | .2 | .1 | .0 | | .0 | | | | | | .6 | 4.6 |
| NNE | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | .6 | 5.4 |
| N E | .3 | .2 | .1 | .1 | .0 | | | | | | | .7 | 6.4 |
| ENE | .8 | .7 | .3 | .1 | | | | | | | | 1.8 | 4.4 |
| E | 3.0 | 8.2 | 5.3 | 1.2 | | | | | | | | 17.7 | 6.0 |
| ESE | 2.1 | 9.3 | 15.5 | 4.8 | .2 | | | | | | | 32.0 | 7.8 |
| SE | 1.5 | 7.1 | 12.5 | 5.3 | .5 | .0 | .0 | | | | | 27.0 | 8.4 |
| SSE | .7 | 3.0 | 5.2 | 2.3 | .2 | | | | | | | 11.3 | 8.4 |
| S | .5 | 1.1 | 1.1 | .4 | .0 | .0 | | | | | | 3.1 | 6.8 |
| SSW | .1 | .2 | .0 | .0 | | | | | | | | .3 | 4.8 |
| SW | .1 | .1 | .0 | | | | | | | | | .2 | 4.3 |
| WSW | .0 | .0 | | | | | | | | | | .1 | 5.3 |
| W | .1 | .0 | .0 | .0 | | | | | | | | .2 | 4.6 |
| WNW | .1 | .0 | .0 | .0 | | | | | | | | .2 | 3.7 |
| NW | .1 | .0 | .0 | .0 | | | | | | | | .2 | 4.1 |
| NNW | .2 | .0 | .0 | .0 | | | | | | | | .2 | 3.7 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.8 | |
| | 10.2 | 30.5 | 40.1 | 14.3 | 1.0 | .1 | .0 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 6665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .6 | .6 | | | | | | | | | | 1.2 | 3.1 |
| NNE | 1.2 | .4 | .1 | | .1 | | | | | | | 1.9 | 4.2 |
| NE | .9 | .3 | .1 | .1 | .3 | | | | | | | 1.8 | 6.9 |
| ENE | .4 | .3 | .1 | | | | | | | | | .9 | 3.8 |
| E | 5.2 | 5.7 | 3.3 | .4 | | | | | | | | 14.6 | 4.9 |
| ESE | 5.8 | 14.8 | 17.2 | 5.4 | | | | | | | | 43.2 | 6.9 |
| SE | 2.4 | 8.7 | 8.2 | 1.8 | .4 | | | | | | | 21.5 | 6.7 |
| SSE | 1.0 | .9 | 2.4 | .3 | | | | | | | | 4.6 | 6.7 |
| S | .4 | .1 | .1 | | | | | | | | | .7 | 3.8 |
| SSW | | | | | | | | | | | | | |
| SW | | | .1 | | | | | | | | | .1 | 9.0 |
| WSW | .1 | | | | | | | | | | | .1 | 1.0 |
| W | | | | | | | | | | | | | |
| WNW | | .1 | | | | | | | | | | .1 | 4.0 |
| NW | .1 | .3 | | | | | | | | | | .4 | 3.0 |
| NNW | .3 | | | .1 | | | | | | | | .4 | 5.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.1 | |
| | 18.7 | 32.3 | 31.8 | 8.2 | .9 | | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 669

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

722615 LAUGHLIN AFB TX 70.73.75-81
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
AUG
0300-0500
HOURS (L.G.V.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .1 | .3 | | | | | | | | | | .4 | 4.3 |
| NNE | .9 | .6 | .1 | .3 | .1 | | .1 | | | | | 2.1 | 7.7 |
| NE | 2.3 | .6 | .1 | .3 | | | | | | | | 3.3 | 3.9 |
| NNE | 3.6 | .6 | .4 | .1 | | | | .1 | | | | 4.8 | 4.6 |
| E | 10.8 | 14.9 | 3.7 | .3 | | | | | | | | 29.7 | 4.3 |
| ESE | 5.3 | 18.9 | 13.2 | 1.0 | | | | | | | | 38.4 | 5.9 |
| SE | .9 | 3.8 | 4.7 | .3 | | | | | | | | 9.7 | 6.5 |
| SSE | .3 | .1 | .3 | | | | | | | | | .7 | 5.0 |
| S | .1 | | | | | | | | | | | .1 | 1.0 |
| SSW | .1 | | | | | | | | | | | .1 | 1.0 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | .1 | | | | | | | | | | .1 | 5.0 |
| WNW | | | | | | | | | | | | | |
| NW | .3 | | | | | | | | | | | .3 | 2.0 |
| NNW | .4 | .1 | | | | | | | | | | .6 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.7 | |
| | 25.0 | 40.1 | 22.6 | 2.3 | .1 | | .1 | .1 | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 704

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70.73-81
YEAR

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .6 | .2 | .2 | .1 | | | | | | | | 1.1 | 4.8 |
| NNE | 2.1 | 1.0 | .1 | .1 | | | | | | | | 3.4 | 3.5 |
| NE | 1.7 | .6 | .1 | | | | | | | | | 2.4 | 3.1 |
| NNE | 2.7 | 2.3 | .3 | .1 | .1 | .1 | | | | | | 5.6 | 4.6 |
| E | 8.1 | 16.3 | 7.0 | .2 | | | | | .1 | | | 31.8 | 5.1 |
| ESE | 1.2 | 17.2 | 15.6 | 1.1 | | | .1 | .1 | | | | 35.4 | 6.9 |
| SE | .5 | 3.4 | 7.1 | 1.6 | | | | | | | | 12.5 | 7.9 |
| SSE | | .2 | .7 | .1 | | | | | | | | 1.0 | 7.9 |
| S | .2 | | | | | | | | | | | .2 | 2.5 |
| SSW | | .1 | | | | | | | | | | .1 | 4.0 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | .1 | | | | | | | | | .1 | 8.0 |
| WNW | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| NW | | | | | | | | | | | | | |
| NNW | .2 | | .1 | | | | | | | | | .3 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.6 | |
| | 17.6 | 41.5 | 31.3 | 3.4 | .1 | .1 | .1 | .1 | .1 | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 887

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70.73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | .2 | .1 | .1 | | | | | | | | .6 | 7.0 |
| NNE | .2 | .2 | .2 | | | | | | | | | .6 | 4.8 |
| NE | .2 | .3 | .4 | .2 | | | | | | | | 1.2 | 7.1 |
| ENE | .8 | .5 | .3 | .1 | | | | | | | | 1.7 | 4.9 |
| E | 1.1 | 3.5 | 2.7 | .6 | .1 | | | | | | | 8.0 | 6.4 |
| ESE | 2.7 | 9.0 | 6.9 | 1.4 | .2 | | | | | | | 20.2 | 6.6 |
| SE | 2.7 | 10.4 | 15.5 | 4.9 | | | | | | | | 33.4 | 7.6 |
| SSE | 2.2 | 6.4 | 11.7 | 2.4 | | | | | | | | 22.6 | 7.3 |
| S | 1.8 | 3.0 | 1.1 | .2 | | | | | | | | 6.2 | 5.1 |
| SSW | .1 | .2 | .1 | | | | | | | | | .4 | 5.0 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | .1 | | | | | | | | | | .1 | 5.0 |
| WW | | .1 | .2 | | | | | | | | | .3 | 7.0 |
| NW | .2 | .2 | | | | | | | | | | .4 | 3.5 |
| NNW | .4 | .1 | .1 | .2 | | | | | | | | .9 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 12.7 | 18.3 | 19.8 | 10.2 | .3 | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615 LAUGHLIN AFB TX 70.73-81 AUG
STATION NAME STATION NAME YEAR MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | .4 | .8 | .2 | | | | | | | | 1.6 | 6.8 |
| NNE | .4 | .2 | 1.2 | .2 | | | | | | | | 2.0 | 7.5 |
| NE | .3 | .5 | .2 | | | | | | | | | 1.1 | 5.2 |
| ENE | .4 | .8 | .4 | | | | | | | | | 1.6 | 5.1 |
| E | 1.0 | 2.6 | 2.7 | 1.2 | | | | | | | | 7.4 | 7.2 |
| ESE | 1.5 | 5.6 | 6.7 | 1.3 | .3 | | | | | | | 15.4 | 7.3 |
| SE | 1.6 | 9.9 | 14.0 | 4.9 | .1 | | | | | | | 30.5 | 7.7 |
| SSE | 2.2 | 7.3 | 11.5 | 4.3 | .3 | | | | | | | 25.6 | 8.0 |
| S | 1.3 | 3.4 | 3.2 | 1.5 | .1 | | | | | | | 9.6 | 7.1 |
| SSW | | .3 | | | | | | | | | | .3 | 4.3 |
| SW | | .3 | | | | | | | | | | .3 | 4.3 |
| WSW | .2 | .2 | | | | | | | | | | .4 | 3.5 |
| W | .1 | .1 | | | | | | | | | | .2 | 4.0 |
| WNW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| NW | .1 | .2 | .3 | | | | | | | | | .6 | 6.3 |
| NNW | .3 | .3 | .3 | | | | | | | | | 1.0 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 9.8 | 32.4 | 41.3 | 13.7 | .9 | | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615 STATION LAUGHLIN AFB TX 70.73-81 YEAR ALL WEATHER CLASS 1500-1700 MONTH HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | | .8 | .4 | .3 | | | | | | | | 1.5 | 7.8 |
| NNE | .1 | .2 | .5 | | | | | | | | | .9 | 6.4 |
| NE | .4 | .4 | .7 | .1 | .1 | | | | | | | 1.7 | 6.9 |
| ENE | .8 | 1.1 | .8 | .2 | | | | | | | | 2.8 | 5.6 |
| E | .8 | 3.9 | 4.0 | .9 | | | | | | | | 9.6 | 7.1 |
| ESE | 2.0 | 4.6 | 10.5 | 2.9 | | | | | | | | 20.0 | 8.0 |
| SE | .9 | 6.9 | 12.9 | 5.8 | | | | | | | | 26.4 | 8.4 |
| SSE | 1.5 | 6.3 | 11.9 | 4.8 | .2 | | | | | | | 24.8 | 6.4 |
| S | .9 | 2.2 | 2.7 | 1.2 | .1 | | | | | | | 7.1 | 7.5 |
| SSW | .9 | .2 | .1 | | | | | | | | | 1.2 | 3.2 |
| SW | .4 | .3 | | | | | | | | | | .6 | 3.4 |
| WSW | .1 | | .1 | | | | | | | | | .2 | 5.0 |
| W | | .4 | | | | | | | | | | .4 | 4.8 |
| WNW | | .4 | | | | | | | | | | .4 | 4.5 |
| NW | .2 | .2 | .3 | .1 | | | | | | | | .9 | 6.8 |
| NNW | .3 | .1 | | | | | | | | | | .4 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .9 | |
| | 9.3 | 28.1 | 44.9 | 16.4 | .4 | | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .3 | | .5 | | | | | | | | 1.3 | 7.3 |
| NNE | .7 | 1.0 | .6 | .2 | | | | | | | | 2.6 | 5.6 |
| NE | | .6 | .5 | | | | | | | | | 1.0 | 6.8 |
| ENE | .3 | .3 | .8 | .3 | | | | | | | | 1.9 | 7.6 |
| E | 3.4 | 4.2 | 3.5 | .8 | | | | | | | | 11.9 | 5.9 |
| ESE | 2.2 | 10.0 | 11.8 | 5.1 | .5 | | | | | | | 29.6 | 7.8 |
| SE | 1.5 | 9.7 | 10.5 | 5.1 | | | | | | | | 26.6 | 7.6 |
| SSE | .7 | 4.1 | 5.7 | 2.6 | .1 | | | | | | | 13.2 | 7.9 |
| S | .7 | 2.3 | 1.5 | .2 | | | | | | | | 4.8 | 5.9 |
| SSW | .6 | .3 | .1 | | | | | | | | | 1.0 | 3.4 |
| SW | .2 | .3 | .1 | | | | | | | | | .7 | 5.3 |
| WSW | .3 | | | | | | | | | | | .3 | 2.7 |
| W | | .5 | .1 | .1 | | | | | | | | .7 | 7.0 |
| WNW | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| NW | | .2 | | | | | | | | | | .2 | 5.5 |
| NNW | .1 | .2 | .2 | | | | | | | | | .6 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 11.5 | 34.3 | 35.4 | 15.0 | .6 | | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS

859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122615 STATION LAUGHLIN AFB TX STATION NAME 70.73-81 YEAR AUG MONTH
ALL WEATHER CLASS 2100-2300 HOUR (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .3 | .1 | .1 | .1 | | | | | | | | .6 | 6.6 |
| NNE | .6 | .4 | | | .1 | .1 | | | | | | 1.3 | 6.5 |
| NE | .4 | .8 | .6 | .3 | .1 | | | | | | | 2.1 | 7.1 |
| ENE | .6 | 1.0 | .1 | .1 | | | | | | | | 1.9 | 9.6 |
| E | 5.2 | 12.7 | 4.8 | .5 | | | | | | | | 23.1 | 5.0 |
| ESE | 5.2 | 14.3 | 13.1 | 4.3 | .4 | | | | | | | 37.2 | 6.8 |
| SE | 1.9 | 7.5 | 5.3 | 2.5 | .3 | | | | | | | 17.5 | 7.1 |
| SSE | 1.1 | 1.9 | 1.4 | .3 | | | | | | | | 4.7 | 5.6 |
| S | .6 | .8 | .1 | | | | | | | | | 1.5 | 4.1 |
| SSW | .3 | .3 | | | | | | | | | | .5 | 2.8 |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | .1 | | | | | | | | | | | .1 | 3.0 |
| W | .1 | | .3 | | | | | | | | | .4 | 7.7 |
| WNW | | .1 | .3 | .3 | | | | | | | | .6 | 10.0 |
| NW | .1 | .1 | | | | | | | | | | .3 | 3.0 |
| NNW | | .3 | .1 | | | | | | | | | .4 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 16.6 | 40.3 | 26.2 | 8.3 | .9 | .1 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEAR

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | .4 | .2 | .2 | | | | | | | | 1.1 | 6.3 |
| NNE | .8 | .5 | .4 | .1 | .0 | .0 | .0 | | | | | 1.8 | 5.6 |
| NE | .7 | .5 | .4 | .1 | .1 | | | | | | | 1.8 | 5.6 |
| ENE | 1.2 | .9 | .4 | .1 | .0 | .0 | | .0 | | | | 2.7 | 5.1 |
| E | 4.2 | 7.7 | 4.0 | .6 | .0 | | | | .0 | | | 16.5 | 5.4 |
| ESE | 3.1 | 11.4 | 11.6 | 2.7 | .2 | | .0 | .0 | | | | 29.0 | 7.0 |
| SE | 1.5 | 7.6 | 10.1 | 3.5 | .1 | | | | | | | 22.8 | 7.6 |
| SSE | 1.2 | 3.6 | 6.1 | 2.0 | .1 | | | | | | | 13.0 | 7.8 |
| S | .9 | 1.6 | 1.2 | .4 | .0 | | | | | | | 4.1 | 6.3 |
| SSW | .3 | .2 | .0 | | | | | | | | | .5 | 3.5 |
| SW | .1 | .1 | .0 | | | | | | | | | .3 | 4.4 |
| WSW | .1 | .0 | .0 | | | | | | | | | .2 | 3.3 |
| W | .0 | .2 | .1 | .0 | | | | | | | | .3 | 6.1 |
| WNW | .1 | .1 | .1 | .0 | | | | | | | | .3 | 5.5 |
| NW | .1 | .2 | .1 | .0 | | | | | | | | .4 | 5.0 |
| NNW | .3 | .1 | .1 | .0 | | | | | | | | .6 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 14.7 | 35.3 | 34.7 | 10.0 | .5 | .0 | .0 | .0 | .0 | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 6695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615 LAUGHLIN AFB TX

69-70, 73-80

SEP

ALL WEATHER

0000-0200
MOON (L.O.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 1.1 | .5 | | | | | | | | | 3.1 | 4.6 |
| NNE | 2.7 | .5 | .2 | | | | | | | | | 3.5 | 2.8 |
| NE | .7 | .2 | .2 | | | | | | | | | 1.1 | 4.0 |
| NNE | .7 | 1.3 | .5 | .7 | | | | | | | | 3.3 | 6.2 |
| E | 4.9 | 10.2 | 2.9 | | | | | | | | | 18.1 | 4.6 |
| ESE | 7.3 | 14.3 | 4.6 | 2.4 | | | | | | | | 28.5 | 5.5 |
| SE | 2.9 | 7.1 | 3.7 | 1.5 | | | | | | | | 15.2 | 6.1 |
| SSE | .9 | 1.1 | .7 | .2 | | | | | | | | 2.9 | 5.3 |
| S | .7 | .5 | | | | | | | | | | 1.3 | 3.1 |
| SSW | .5 | | | | | | | | | | | .5 | 2.7 |
| SW | .2 | | | | | | | | | | | .2 | 2.0 |
| WSW | | | | | | | | | | | | | |
| W | | .4 | | | | | | | | | | .4 | 5.0 |
| WNW | .5 | .4 | 1.1 | | | | | | | | | 2.0 | 5.9 |
| NW | 1.3 | .4 | .4 | | | | | | | | | 2.0 | 3.9 |
| NNW | .4 | .5 | .2 | .2 | | | | | | | | 1.3 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.6 | |
| | 25.8 | 38.0 | 15.0 | 8.9 | | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

547

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
YEAR

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 2.0 | 1.2 | .3 | | | | | | | | | 3.6 | 3.5 |
| NNE | 1.6 | .9 | .5 | .2 | | | | | | | | 3.1 | 4.3 |
| NE | 2.0 | .8 | | | | | | | | | | 2.8 | 3.0 |
| ENE | 2.2 | 1.4 | .5 | | | | | | | | | 4.1 | 3.9 |
| E | 10.8 | 14.0 | 3.6 | .2 | | | | | | | | 28.5 | 4.2 |
| ESE | 4.1 | 12.8 | 6.7 | .5 | | | | | | | | 24.0 | 5.6 |
| SE | .6 | 4.2 | 3.6 | .6 | | | | | | | | 9.0 | 6.6 |
| SSE | .8 | | .2 | .3 | | | | | | | | 1.2 | 5.3 |
| S | .3 | | | | | | | | | | | .3 | 2.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | .3 | | | | | | | | | | | .3 | 2.0 |
| WNW | .2 | .6 | .3 | | | | | | | | | 1.1 | 5.3 |
| NW | 2.2 | 1.2 | .6 | | | | | | | | | 4.1 | 4.0 |
| NNW | 1.4 | .3 | .6 | .2 | | | | | | | | 2.5 | 4.6 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.3 | |
| | 28.4 | 37.6 | 16.8 | 1.9 | | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS

691

AL CLIMATOLOGY BRANCH
 TAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122515 LAUGHLIN AFB TX 62-70.73-80 SEP
 ALL WEATHER
 620-0000
 (ELEV)

| SPEED (KNOTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 200 | % | MEAN WIND SPEED |
|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.2 | 1.2 | .5 | .5 | | | | | | | | 1.3 | 5.5 |
| NNE | 2.8 | 2.1 | .2 | .1 | | | | | | | | 5.3 | 3.8 |
| NE | 1.3 | .7 | .2 | | | | | | | | | 2.2 | 1.7 |
| ENE | 2.9 | 2.5 | .2 | | | | | | | | | 5.5 | 3.6 |
| E | 8.6 | 13.0 | 3.5 | .1 | | | | | | | | 25.3 | 4.5 |
| ESE | 2.5 | 17.2 | 8.5 | .9 | | | | | | | | 21.5 | 6.2 |
| SE | 1.3 | 3.9 | 7.8 | .9 | .1 | | | | | | | 14.0 | 7.3 |
| SSE | .9 | .2 | .9 | .6 | | | | | | | | 2.1 | 8.6 |
| S | .2 | .1 | | | | | | | | | | .9 | 2.7 |
| SSW | .1 | | | | | | | | | | | .1 | 2.0 |
| SW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| WSW | .1 | | | | | | | | | | | .1 | 2.0 |
| W | .5 | .1 | .1 | | | | | | | | | .7 | 3.5 |
| WW | .2 | .8 | | | .1 | .2 | | | | | | 1.4 | 8.8 |
| WNW | .7 | 1.9 | 1.2 | .8 | | | | | | | | 3.7 | 6.1 |
| NNW | .5 | .5 | .8 | .8 | | | | | | | | 2.6 | 8.6 |
| VARI | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.5 | |
| | 21.8 | 16.8 | 24.1 | 1.8 | .2 | .2 | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 607

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

022115
DATE

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEAR

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

| SPEED (KNOTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .0 | 1.0 | .9 | .3 | .1 | | | | | | | 3.6 | 6.2 |
| NNE | .9 | 1.5 | .1 | .1 | | | | | | | | 2.6 | 4.4 |
| NE | .8 | .6 | .6 | | | | | | | | | 1.9 | 4.9 |
| NNE | .6 | 1.0 | .5 | | | | | | | | | 2.0 | 4.7 |
| E | 2.3 | 2.9 | 2.7 | .2 | | | | | | | | 8.1 | 5.7 |
| ESE | 2.4 | 6.3 | 7.6 | 1.0 | | | | | | | | 17.3 | 6.6 |
| SE | 2.6 | 7.8 | 14.8 | 3.1 | | | | | | | | 27.9 | 7.5 |
| ESE | 1.7 | 4.9 | 8.4 | 3.2 | .1 | | | | | | | 18.2 | 7.8 |
| S | 1.7 | 1.1 | .7 | .2 | | | | | | | | 3.7 | 4.8 |
| SSE | .1 | | | | | | | | | | | .1 | 3.0 |
| SE | .2 | | | | | | | | | | | .2 | 2.5 |
| SSE | .2 | .2 | | | | | | | | | | .5 | 3.5 |
| W | .1 | | .1 | | | | | | | | | .2 | 4.5 |
| WSW | .3 | .3 | .3 | | .3 | | | | | | | 1.4 | 6.5 |
| SW | .2 | .2 | 1.5 | .8 | | | | | | | | 2.7 | 9.4 |
| WSW | .5 | .3 | 1.4 | .8 | .2 | | | | | | | 3.3 | 9.2 |
| WAVE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 15.6 | 28.6 | 39.1 | 9.7 | .8 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEAR

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 1.5 | 1.1 | .1 | .1 | | | | | | | 3.1 | 6.8 |
| NNE | .4 | .4 | .4 | | | | | | | | | 1.3 | 5.7 |
| NE | .7 | .4 | .4 | .1 | | | | | | | | 1.7 | 5.1 |
| NNE | .6 | .7 | .4 | .1 | | | | | | | | 1.8 | 5.8 |
| E | 1.8 | 2.5 | 2.3 | .3 | | | | | | | | 6.9 | 5.7 |
| ESE | 1.5 | 5.9 | 5.0 | 1.1 | .1 | | | | | | | 13.6 | 6.9 |
| SE | 2.2 | 6.4 | 10.7 | 4.8 | | | | | | | | 24.2 | 8.0 |
| SSE | 2.2 | 5.9 | 8.2 | 5.1 | | | | | | | | 21.5 | 8.0 |
| S | 2.1 | 3.6 | 1.6 | 1.2 | | | | | | | | 8.5 | 6.1 |
| SSW | .4 | .4 | | | | | | | | | | 1.2 | 3.7 |
| SW | .7 | .1 | | | | | | | | | | .8 | 2.4 |
| WSW | .6 | .4 | | | | | | | | | | 1.0 | 3.2 |
| W | .2 | .2 | .2 | | | | | | | | | .7 | 5.5 |
| WWW | .3 | .4 | .4 | .1 | .3 | | | | | | | 1.7 | 8.9 |
| NW | .3 | .7 | 1.2 | .4 | .3 | | | | | | | 3.0 | 9.1 |
| NNW | .2 | 1.3 | 1.6 | 1.1 | .3 | | | | | | | 4.6 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 14.7 | 31.3 | 33.8 | 14.7 | 1.2 | | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS

894

3587

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.5 | 1.5 | .7 | .3 | .2 | | | | | | 5.2 | 7.9 |
| NNE | .6 | | .7 | .3 | .1 | | | | | | | 1.7 | 8.1 |
| NE | .5 | .3 | .5 | .1 | | | | | | | | 1.4 | 5.8 |
| NNE | 1.4 | .5 | .6 | .5 | | | | | | | | 2.8 | 6.1 |
| E | 1.5 | 4.4 | 2.0 | 1.0 | | | | | | | | 9.0 | 6.2 |
| ESE | 1.3 | 3.5 | 5.0 | 1.8 | | | | | | | | 11.6 | 7.3 |
| SE | 1.5 | 4.7 | 9.9 | 5.6 | .7 | | | | | | | 22.3 | 8.9 |
| SSE | 1.6 | 4.3 | 9.7 | 5.2 | | | | | | | | 20.8 | 8.4 |
| S | 1.0 | 1.6 | 2.4 | .5 | | | | | | | | 5.5 | 6.6 |
| SSW | .7 | 1.0 | .2 | | | | | | | | | 1.9 | 4.1 |
| SW | .7 | .5 | .1 | | | | | | | | | 1.3 | 3.8 |
| WSW | .7 | .7 | .1 | | | | | | | | | 1.5 | 3.3 |
| W | .3 | .3 | | .3 | .1 | | | | | | | 1.1 | 8.0 |
| WNW | .2 | .3 | .2 | .5 | .2 | | | | | | | 1.5 | 9.5 |
| NW | .3 | 1.6 | 1.1 | .8 | .1 | | | | | | | 4.0 | 8.0 |
| NNW | .2 | 1.1 | 1.3 | .8 | .1 | | | | | | | 3.5 | 8.1 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 14.4 | 26.4 | 35.3 | 18.1 | 1.7 | .2 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS

879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615 LAUGHLIN AFB TX

69-70.73-80

SEP

ALL WEATHER

1800-2000
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.3 | 1.1 | | .1 | | | | | | | 3.8 | 5.9 |
| NNE | .6 | .6 | .4 | .4 | | | | | | | | 2.0 | 6.1 |
| NE | .6 | .9 | .2 | .2 | | | | | | | | 2.0 | 5.4 |
| ENE | .7 | .7 | 1.5 | .6 | | | | | | | | 3.6 | 7.0 |
| E | 3.1 | 4.2 | 3.1 | 1.2 | | | | | | | | 11.5 | 5.9 |
| ESE | 2.9 | 8.1 | 5.3 | 1.7 | .1 | | | | | | | 18.2 | 6.2 |
| SE | 3.3 | 8.2 | 6.1 | 2.1 | | | | | | | | 19.8 | 6.3 |
| SSE | 2.2 | 6.6 | 4.3 | 2.1 | | | | | | | | 15.2 | 6.6 |
| S | 2.7 | 1.6 | .6 | .1 | | | | | | | | 5.0 | 4.1 |
| SSW | 1.2 | .1 | .1 | | | | | | | | | 1.5 | 3.3 |
| SW | .9 | | | | | | | | | | | .9 | 2.3 |
| WSW | .2 | | | | | | | | | | | .2 | 2.0 |
| W | .4 | .2 | | | | | | | | | | .6 | 3.2 |
| WNW | .4 | 1.2 | .7 | .5 | | | | | | | | 2.8 | 7.1 |
| NW | .7 | .9 | .4 | .2 | | | | | | | | 2.2 | 5.3 |
| NNW | .6 | .6 | .7 | .7 | | | | | | | | 2.7 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.1 | |
| | 21.8 | 35.3 | 24.5 | 9.9 | .2 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
MONTH
2100-2300
HOURS (L.S.T.)

ALL WEATHER

CLASS

ORIGIN

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | .9 | .5 | | | | | | | | | 2.5 | 4.5 |
| NNE | 1.6 | .7 | .9 | | | | | | | | | 3.2 | 4.5 |
| NE | 1.6 | 1.6 | .3 | .1 | | | | | | | | 3.6 | 4.1 |
| ENE | .9 | 1.5 | .7 | .5 | | | | | | | | 3.6 | 5.9 |
| E | 4.7 | 8.5 | 2.7 | .4 | | | | | | | | 16.2 | 5.0 |
| ESE | 4.8 | 11.6 | 7.3 | .9 | .1 | | | | | | | 24.7 | 5.7 |
| SE | 2.9 | 6.4 | 5.5 | 1.7 | .1 | | | | | | | 16.6 | 6.6 |
| SSE | 1.5 | 1.9 | 1.5 | .1 | .1 | | | | | | | 5.1 | 5.6 |
| S | 1.1 | .9 | .5 | | | | | | | | | 2.5 | 4.3 |
| SSW | .3 | .1 | .1 | | | | | | | | | .5 | 4.8 |
| SW | .4 | | | .1 | | | | | | | | .5 | 5.3 |
| WSW | .1 | .1 | | | | | | | | | | .3 | 3.0 |
| W | .7 | .1 | .1 | | | | | | | | | .9 | 3.4 |
| WNW | .4 | .5 | .7 | .3 | | | | | | | | 1.9 | 6.8 |
| NW | 1.3 | .4 | .7 | .5 | | | | | | | | 2.9 | 6.1 |
| NNW | .4 | .5 | .4 | | | | | | | | | 1.3 | 5.3 |
| VARS | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.5 | |
| | 23.7 | 35.8 | 21.8 | 4.8 | .4 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 752

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 022615 LAUGHLIN AFB TX STATION NAME 69-70.73-80 YEARS SEP MONTH
ALL WEATHER CLASS ALL HOURS (L.R.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.3 | .8 | .2 | .1 | .0 | | | | | | 3.6 | 5.9 |
| NNE | 1.3 | .9 | .4 | .1 | .0 | | | | | | | 2.8 | 4.6 |
| NE | 1.0 | .7 | .3 | .1 | | | | | | | | 2.1 | 4.4 |
| ENE | 1.2 | 1.2 | .6 | .3 | | | | | | | | 3.3 | 5.2 |
| E | 4.4 | 7.0 | 2.8 | .5 | | | | | | | | 14.8 | 5.0 |
| ESE | 3.1 | 8.6 | 6.3 | 1.2 | .0 | | | | | | | 19.2 | 6.2 |
| SE | 2.2 | 6.1 | 8.2 | 2.7 | .1 | | | | | | | 19.3 | 7.4 |
| SSE | 1.5 | 3.9 | 4.6 | 2.3 | .0 | | | | | | | 11.8 | 7.6 |
| S | 1.3 | 1.3 | .8 | .3 | | | | | | | | 3.7 | 5.3 |
| SSW | .4 | .3 | .1 | | | | | | | | | .8 | 3.7 |
| SW | .4 | .1 | .0 | .0 | | | | | | | | .5 | 3.2 |
| WSW | .3 | .2 | .0 | | | | | | | | | .5 | 3.2 |
| W | .3 | .2 | .1 | .0 | .0 | | | | | | | .6 | 4.9 |
| WNW | .3 | .6 | .4 | .2 | .1 | .0 | | | | | | 1.7 | 7.7 |
| NW | .8 | .9 | .9 | .4 | .1 | | | | | | | 3.1 | 6.8 |
| NNW | .5 | .7 | .9 | .6 | .1 | | | | | | | 2.8 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 20.2 | 33.3 | 27.8 | 9.0 | .6 | .1 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 6259

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702415
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 2.3 | 1.4 | .5 | | | | | | | | 6.9 | 5.1 |
| NNE | 4.7 | 1.9 | .5 | .5 | | | | | | | | 7.6 | 4.0 |
| NE | 1.9 | .5 | .5 | | | | | | | | | 2.9 | 3.7 |
| ENE | 1.6 | .2 | .5 | | | | | | | | | 2.3 | 3.8 |
| E | 5.9 | 7.5 | .7 | | .2 | | | | | | | 14.2 | 4.0 |
| ESE | 5.9 | 8.7 | 5.4 | .3 | | | | | | | | 20.3 | 5.0 |
| SE | 3.6 | 6.2 | 4.3 | 2.8 | .2 | | | | | | | 17.2 | 6.7 |
| SSE | .3 | .7 | .3 | .2 | .2 | | | | | | | 1.9 | 6.9 |
| S | .7 | .2 | .2 | | | | | | | | | 1.0 | 3.7 |
| SSW | .2 | .3 | | | | | | | | | | .5 | 3.7 |
| SW | | | | | | | | | | | | | |
| WSW | | .2 | | | | | | | | | | .2 | 3.0 |
| W | .5 | .3 | .2 | | | | | | | | | 1.0 | 3.8 |
| WNW | .7 | .5 | .2 | | | | | | | | | 1.6 | 3.4 |
| NW | .5 | 1.9 | .7 | | | | | | | | | 3.1 | 5.0 |
| NNW | .7 | .7 | .5 | | | | | | | | | 1.9 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.3 | |
| | 30.2 | 32.2 | 15.4 | 4.3 | .5 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS

577

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122015 STATION LAUGHLIN AFB TX 69-70, 73, 75-80 007
STATION NAME YEARS MONTH
ALL WEATHER CLASS 700-1000
CONDITION HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 2.6 | .9 | .9 | .2 | | | | | | | 7.3 | 5.3 |
| NNE | 4.2 | 2.1 | .3 | | .2 | .2 | | | | | | 7.0 | 4.7 |
| NE | 2.0 | .6 | .3 | .2 | | | | | | | | 3.0 | 4.1 |
| ENE | .9 | 1.5 | .3 | | | | | | | | | 2.7 | 4.1 |
| E | 5.0 | 12.7 | 2.7 | .6 | | | | | | | | 24.1 | 4.5 |
| ESE | 4.7 | 10.2 | 4.4 | .8 | | | | | | | | 20.0 | 5.3 |
| SE | 1.4 | 2.6 | 4.8 | .6 | | | | | | | | 9.4 | 6.6 |
| SSE | .3 | .2 | 2.0 | .6 | .5 | | | | | | | 3.5 | 9.6 |
| S | | .2 | .3 | | | | | | | | | .5 | 7.3 |
| SSW | .2 | | .2 | | | | | | | | | .3 | 5.5 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | .8 | .3 | | .2 | | | | | | | | 1.2 | 4.0 |
| WNW | .2 | .6 | .6 | | | | | | | | | 1.4 | 6.2 |
| NW | .2 | 2.7 | .9 | | | | | | | | | 3.6 | 5.3 |
| NNW | .8 | .8 | 1.1 | .8 | | | | | | | | 3.3 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.7 | |
| | 26.3 | 36.2 | 18.8 | 4.5 | .8 | .2 | | | | | | 104.6 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 060

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

732615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

CCT
MONTH

ALL WEATHER
CLASS

0630-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 1.4 | .7 | .2 | | | | | | | | 4.6 | 4.3 |
| NNE | 2.9 | 1.6 | .2 | .2 | .1 | | | | | | | 5.0 | 3.9 |
| NE | 1.9 | .9 | .2 | .1 | | | | | | | | 3.2 | 3.6 |
| ENE | 2.1 | .9 | .2 | .1 | | | | | | | | 3.3 | 3.5 |
| E | 6.5 | 11.4 | 3.6 | .6 | | | | | | | | 22.0 | 4.7 |
| ESE | 2.3 | 9.7 | 5.7 | .8 | | | | | | | | 18.6 | 6.1 |
| SE | .8 | 2.8 | 5.5 | 1.4 | | | | | | | | 10.4 | 7.5 |
| SSE | .1 | .9 | 2.1 | | | | | | | | | 3.1 | 7.3 |
| S | .3 | .6 | .6 | .1 | | | | | | | | 1.6 | 5.9 |
| SSW | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| SW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| WSW | .1 | | | | | | | | | | | .1 | 3.0 |
| W | .5 | .1 | .1 | | | | | | | | | .7 | 3.5 |
| WNW | .7 | 2.4 | .2 | | | | | | | | | 3.3 | 4.5 |
| NW | 1.6 | 2.1 | .8 | .3 | | | | | | | | 4.8 | 5.2 |
| NNW | .9 | 1.7 | 1.5 | 1.1 | .5 | .1 | | | | | | 5.8 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 23.4 | 36.7 | 21.4 | 5.0 | .6 | .1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS

672

AL CLIMATOLOGY BRANCH
 AFETAC
 AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 724615 LAUGHLIN AFB TX STATION NAME 69-70.73-80 YEARS DCI
 CLASS ALL WEATHER MONTH 0900-1100
 CONDITION MOON (L.S.V.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.3 | 2.0 | .6 | .1 | .2 | | | | | | 5.2 | 7.6 |
| NNE | .7 | .8 | .3 | .2 | | | | | | | | 2.0 | 5.3 |
| NE | .6 | .9 | .3 | | | | | | | | | 1.8 | 4.4 |
| NNE | .4 | .1 | .3 | .1 | | | | | | | | 1.0 | 6.2 |
| E | .7 | 2.8 | 2.0 | 1.1 | | | | | | | | 6.5 | 7.1 |
| ESE | 1.2 | 4.7 | 5.7 | 1.4 | | | | | | | | 13.1 | 7.1 |
| SE | 1.7 | 7.2 | 10.6 | 4.3 | .1 | | | | | | | 24.0 | 7.7 |
| SSE | 1.3 | 4.6 | 9.5 | 3.1 | .1 | | | | | | | 18.6 | 8.1 |
| S | .4 | 1.4 | 2.1 | .7 | | | | | | | | 4.6 | 7.4 |
| SSW | .2 | .4 | .1 | | | | | | | | | .8 | 4.7 |
| SW | .3 | | | | | | | | | | | .3 | 2.0 |
| WSW | .1 | .2 | | | | | | | | | | .3 | 4.0 |
| W | 1.2 | .6 | .4 | .2 | | | | | | | | 2.4 | 4.6 |
| WNW | 1.9 | .6 | .1 | .1 | | | | | | | | 2.6 | 3.6 |
| NW | .1 | .7 | 1.2 | .4 | | .1 | | | | | | 2.5 | 9.1 |
| NNW | .9 | 1.1 | 2.1 | 2.8 | .6 | .1 | | | | | | 7.5 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 12.7 | 27.3 | 37.0 | 15.0 | .9 | .4 | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

067
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNOTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|--------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.3 | 1.5 | 1.3 | .3 | | | | | | | 5.4 | 8.2 |
| NNE | .7 | .3 | .2 | | | | | | | | | 1.2 | 4.3 |
| NE | .5 | .2 | .2 | | | | | | | | | 1.0 | 4.4 |
| ENE | .1 | .7 | .3 | | .1 | | | | | | | 1.2 | 6.4 |
| E | .7 | 1.5 | .9 | .1 | | | | | | | | 3.2 | 5.4 |
| ESE | .9 | 2.2 | 4.1 | 1.5 | .1 | | | | | | | 8.8 | 7.7 |
| SE | 1.3 | 4.7 | 8.2 | 5.0 | | | | | | | | 19.2 | 8.3 |
| SSE | 1.4 | 4.8 | 11.9 | 6.8 | .5 | | | | | | | 25.4 | 9.1 |
| S | 1.2 | 3.1 | 4.5 | 2.0 | .1 | | | | | | | 10.8 | 7.6 |
| SSW | .3 | .8 | .7 | | | | | | | | | 1.7 | 5.6 |
| SW | .7 | .4 | | | | | | | | | | 1.1 | 3.2 |
| WSW | .7 | .4 | .3 | | | | | | | | | 1.4 | 3.9 |
| W | .1 | .7 | .3 | .1 | | | | | | | | 1.6 | 5.4 |
| WNW | .5 | .5 | .5 | | | .1 | | | | | | 1.7 | 6.6 |
| NW | .7 | 1.6 | .9 | .9 | | .2 | | | | | | 4.2 | 7.9 |
| NNW | .2 | 1.7 | 2.5 | 2.6 | .5 | .4 | | | | | | 8.1 | 10.8 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 11.3 | 24.9 | 37.0 | 20.3 | 1.7 | .8 | | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS

918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615 STATION LAUGHLIN AFB TX STATION NAME 69-70.73-80 YEARS OCT DATE
ALL WEATHER CLASS 1500-1700 OBS (L&F)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .8 | 1.7 | 2.5 | 2.2 | .3 | | | | | | | 7.5 | 9.0 |
| NNE | .1 | 1.0 | .6 | .1 | | | | | | | | 1.8 | 6.4 |
| NRE | .1 | .6 | .1 | .2 | | | | | | | | 1.0 | 6.4 |
| ENE | .3 | .7 | .3 | | | | | | | | | 1.3 | 4.6 |
| E | 1.3 | 1.8 | 1.1 | .2 | | | | | | | | 4.4 | 5.3 |
| ESE | 1.1 | 3.2 | 3.3 | 1.7 | | | | | | | | 9.2 | 7.1 |
| SE | 1.2 | 5.3 | 9.6 | 4.1 | .1 | | | | | | | 20.2 | 8.4 |
| SSE | 1.2 | 4.2 | 10.3 | 6.5 | .7 | | | | | | | 22.9 | 9.2 |
| S | 1.3 | 3.0 | 5.0 | 2.2 | .1 | | | | | | | 11.6 | 7.7 |
| SSW | .4 | .2 | .2 | | | | | | | | | .9 | 4.5 |
| SW | 1.0 | .3 | | | | | | | | | | 1.3 | 2.6 |
| WSW | .4 | .4 | .1 | | | | | | | | | 1.0 | 3.8 |
| W | .8 | .9 | .4 | | | | | | | | | 2.1 | 4.4 |
| WNW | .3 | .4 | .1 | .3 | | .2 | | | | | | 1.4 | 10.1 |
| NW | .2 | 1.0 | 1.2 | .6 | | .2 | | | | | | 3.2 | 9.0 |
| NNW | .7 | 2.4 | 1.7 | 1.0 | .2 | .3 | | | | | | 6.3 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 11.3 | 27.0 | 36.5 | 19.0 | 1.4 | .8 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

3CT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.2 | 1.9 | 1.4 | .2 | | | | | | | 6.5 | 7.4 |
| NNE | .9 | .8 | .4 | .5 | | | | | | | | 2.6 | 5.7 |
| NE | .6 | .5 | .5 | | | | | | | | | 1.5 | 5.3 |
| ENE | .5 | .4 | .5 | .4 | | | | | | | | 1.7 | 6.4 |
| E | 3.1 | 3.6 | 1.4 | .1 | | | | | | | | 6.2 | 4.5 |
| ESE | 4.7 | 8.2 | 3.7 | .7 | | | | | | | | 17.3 | 5.2 |
| SE | 4.7 | 7.9 | 4.4 | .9 | | | | | | | | 16.0 | 5.5 |
| SSE | 3.4 | 5.2 | 3.1 | 1.4 | | | | | | | | 13.1 | 5.8 |
| S | 1.8 | 2.7 | 1.7 | .1 | | | | | | | | 6.3 | 4.9 |
| SSW | 1.1 | .6 | | | | | | | | | | 1.7 | 3.3 |
| SW | .9 | .4 | | | | | | | | | | 1.3 | 2.5 |
| WSW | .5 | .5 | .1 | .1 | | | | | | | | 1.3 | 4.5 |
| W | .6 | 1.3 | .4 | .1 | | | | | | | | 2.4 | 5.2 |
| WNW | .4 | .9 | .4 | | | | | | | | | 1.7 | 3.3 |
| NW | 1.1 | 1.7 | .5 | .1 | .1 | | | | | | | 3.4 | 5.2 |
| NNW | .7 | 1.2 | 1.2 | .4 | .1 | | | | | | | 3.6 | 6.9 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 26.3 | 37.5 | 19.9 | 6.3 | .5 | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS

845

U.S. AIR FORCE
 CLIMATE BRANCH
 WETAC
 WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAUGHLIN AFB TX STATION NAME 69-70.73-40 DATE OCT
1953
 ALL WEATHER
 OBSERVATION

| SPEED (KNOTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 2.6 | 2.2 | 1.1 | 1.1 | .5 | | | | | | | 7.7 | 6.9 |
| NNE | 2.6 | 2.1 | .5 | .1 | | | | | | | | 5.2 | 3.9 |
| NE | 1.8 | .5 | .5 | | | | | | | | | 2.8 | 4.1 |
| NNE | 1.1 | .3 | .6 | .1 | | | | | | | | 2.2 | 4.8 |
| E | 4.7 | 4.5 | 2.2 | .5 | | | | | | | | 11.9 | 4.6 |
| ENE | 5.3 | 8.6 | 4.1 | 1.3 | .1 | | | | | | | 20.3 | 5.3 |
| E | 5.0 | 7.8 | 2.9 | 1.1 | .1 | | | | | | | 17.0 | 5.2 |
| ESE | 2.0 | 4.1 | .5 | | | | | | | | | 6.6 | 4.3 |
| S | 2.4 | .9 | .3 | .1 | | | | | | | | 3.7 | 3.6 |
| SSE | .4 | | .1 | | | | | | | | | .5 | 3.8 |
| SW | .1 | .5 | | | | | | | | | | .6 | 4.2 |
| WSW | .1 | .1 | | | | | | | | | | .9 | 3.0 |
| W | .1 | .1 | .3 | | | | | | | | | .5 | 5.8 |
| WSW | .4 | .3 | .3 | | .1 | | | | | | | 1.0 | 6.3 |
| W | .1 | .8 | | .1 | | | | | | | | 1.0 | 5.3 |
| WNW | .5 | .9 | .5 | .4 | | | | | | | | 2.3 | 6.6 |
| VAR | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.2 | |
| | 10.8 | 11.5 | 11.8 | 5.0 | 1.0 | | | | | | | 106.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 783

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22415
STATION

LAUGHLIN AFB TX

STATION NAME

69-70, 73-80

YEARS

OCT

MONTH

ALL WEATHER

CLASS

ALL

WIND (L.S.T.)

OBSERVATION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 1.7 | 1.5 | 1.1 | .2 | .0 | | | | | | 6.3 | 7.0 |
| NNE | 1.9 | 1.3 | .4 | .2 | .0 | .0 | | | | | | 3.7 | 4.4 |
| NE | 1.1 | .6 | .3 | .1 | | | | | | | | 2.1 | 4.3 |
| NNE | .8 | .6 | .4 | .1 | .0 | | | | | | | 1.9 | 4.7 |
| E | 3.6 | 5.3 | 1.8 | .4 | .0 | | | | | | | 11.2 | 4.8 |
| ESE | 3.1 | 6.6 | 4.5 | 1.1 | .0 | | | | | | | 15.4 | 6.0 |
| SE | 2.4 | 5.6 | 6.6 | 2.6 | .1 | | | | | | | 17.2 | 7.2 |
| SSE | 1.3 | 3.3 | 5.4 | 2.6 | .2 | | | | | | | 12.9 | 8.1 |
| S | 1.1 | 1.6 | 2.0 | .7 | .0 | | | | | | | 5.4 | 6.7 |
| SSW | .4 | .3 | .2 | | | | | | | | | .9 | 4.4 |
| SW | .4 | .2 | | | | | | | | | | .7 | 2.9 |
| WSW | .3 | .2 | .1 | .0 | | | | | | | | .6 | 4.0 |
| W | .6 | .6 | .3 | .1 | | | | | | | | 1.5 | 4.7 |
| WNW | .7 | .8 | .3 | .1 | .0 | .0 | | | | | | 1.9 | 5.5 |
| WW | .6 | 1.4 | .8 | .3 | .0 | .1 | | | | | | 3.3 | 6.6 |
| NNW | .7 | 1.4 | 1.5 | 1.2 | .3 | .1 | | | | | | 5.1 | 8.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.8 | |
| | 22.7 | 31.6 | 26.0 | 10.6 | 1.0 | .3 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS

6473

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION

LAUGHLIN AFB TX

STATION NAME

69-70, 75-80

YEAR

NOV

MONTH

ALL WEATHER

CLASS

0000-0200

0200 (L.S.V.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.0 | 2.7 | 1.2 | 3.0 | .2 | | | | | | | 12.2 | 6.8 |
| NNE | 4.0 | 3.0 | .8 | | | | | | | | | 7.8 | 3.7 |
| NE | .7 | 1.2 | | | | | | | | | | 1.8 | 3.8 |
| NNE | 1.7 | 1.8 | .2 | .3 | | | | | | | | 4.0 | 4.4 |
| E | 6.5 | 7.3 | 1.0 | .3 | | | | | | | | 15.1 | 4.1 |
| ESE | 3.8 | 7.3 | 3.5 | 1.8 | | | | | | | | 16.5 | 5.9 |
| SE | 1.5 | 4.2 | 2.7 | 1.2 | | | | | | | | 9.5 | 6.5 |
| SSE | .5 | 1.0 | .5 | .2 | | | | | | | | 2.2 | 5.6 |
| S | .5 | | | | | | | | | | | .5 | 2.3 |
| SSW | .3 | | | | | | | | | | | .3 | 2.5 |
| SW | | .2 | | | | | | | | | | .2 | 4.0 |
| WSW | .3 | .2 | | | | | | | | | | .5 | 3.7 |
| W | .3 | .3 | .3 | | | | | | | | | 1.4 | 5.0 |
| WNW | .2 | 2.0 | .5 | .2 | | | | | | | | 2.8 | 5.5 |
| NW | .8 | 1.7 | .8 | .7 | | | | | | | | 4.0 | 6.5 |
| NNW | .7 | 1.5 | 1.7 | .2 | .2 | | | | | | | 4.2 | 6.7 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.6 | |
| | 26.8 | 34.3 | 13.1 | 7.8 | .3 | | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS

601

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

172115
000000

LAUGHLIN AFB TX

STATION NAME

69-70,75-80

YEARS

NCV

CODE

ALL WEATHER

CLASS

0300-C500

GROUP (L&T)

OPERATION

| SPEED (KNOTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 3.6 | 2.3 | 1.0 | 1.9 | | | | | | | | 4.9 | 6.0 |
| NNE | 3.3 | 3.6 | .7 | .2 | | | | | | | | 7.8 | 4.2 |
| NE | 1.0 | 1.6 | .9 | | | | | | | | | 3.5 | 4.7 |
| NNE | 3.5 | 1.0 | .2 | .2 | | | | | | | | 4.9 | 3.2 |
| E | 3.0 | 10.6 | 2.3 | | | | | | | | | 15.6 | 4.8 |
| ESE | 1.7 | 4.7 | 4.2 | .5 | | | | | | | | 11.1 | 6.0 |
| SE | 1.2 | 3.1 | 3.5 | 1.2 | | | | | | | | 9.0 | 7.1 |
| SSE | .3 | 1.0 | 1.0 | .3 | | | | | | | | 2.8 | 6.9 |
| S | .3 | .3 | .2 | | | | | | | | | .9 | 4.2 |
| SSW | .2 | .3 | | | | | | | | | | .5 | 3.0 |
| SW | | | | | | | | | | | | | |
| WSW | | .2 | | | | | | | | | | .2 | 4.0 |
| W | .3 | .7 | | | | | | | | | | 1.0 | 3.7 |
| WWW | 1.4 | 2.1 | .2 | | | | | | | | | 3.6 | 4.0 |
| NW | 1.0 | 3.1 | 1.2 | .5 | .2 | | | | | | | 6.1 | 6.1 |
| NNW | 1.2 | 1.9 | 1.7 | 1.6 | .9 | | | | | | | 7.3 | 6.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.7 | |
| | 22.2 | 36.6 | 17.0 | 6.4 | 1.0 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS

576

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAUGHLIN AFB TX STATION NAME 69-70.73-80 YEARS NOV
CLASS ALL WEATHER 0600-0800
ELEVATION (L.S.V.)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 3.2 | 1.2 | 1.3 | 1.1 | .1 | | | | | | | 6.9 | 5.8 |
| NNE | 1.9 | 2.5 | .2 | .4 | | | | | | | | 5.0 | 4.4 |
| NE | 1.2 | 1.0 | .2 | .2 | | | | | | | | 2.6 | 4.4 |
| ENE | 1.6 | 2.1 | | .1 | | | | | | | | 4.0 | 4.0 |
| E | 5.1 | 7.3 | 1.4 | | | | | | | | | 13.8 | 4.3 |
| ESE | 2.1 | 5.7 | 3.6 | .4 | | | | | | | | 11.8 | 5.7 |
| SE | 1.6 | 3.5 | 2.6 | 1.1 | | | | | | | | 6.1 | 6.8 |
| SSE | .7 | 1.3 | 1.4 | .1 | | | | | | | | 3.6 | 6.2 |
| S | .1 | .2 | .2 | | | | | | | | | .9 | 6.4 |
| SSW | .1 | | | | | | | | | | | .1 | 2.0 |
| SW | .1 | | | | | | | | | | | .1 | 1.0 |
| WSW | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| W | 1.6 | .8 | .2 | | | | | | | | | 2.0 | 4.1 |
| WWW | 1.4 | 2.1 | .8 | .4 | .1 | | | | | | | 4.8 | 5.9 |
| NW | 2.7 | 3.3 | 2.9 | 1.1 | .1 | | | | | | | 9.4 | 6.5 |
| NNW | 1.9 | 1.4 | 1.8 | 2.0 | .6 | | | | | | | 7.7 | 6.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.2 | |
| | 23.8 | 32.5 | 14.8 | 6.8 | 1.0 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 340

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1920-1929 LAUGHLIN AFB TX 69-70, 73-80 ALL WEATHER 1920-1929
STATION NAME YEAR CLASS MONTH (L.S.T.)
LOCATION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .7 | 2.0 | 2.0 | 2.1 | .6 | | | | | | | 7.3 | 9.1 |
| NNE | 1.2 | | .5 | .2 | | | | | | | | 1.8 | 3.0 |
| NE | .9 | .6 | .2 | .1 | | | | | | | | 1.8 | 4.1 |
| NNE | .3 | .6 | .2 | | | | | | | | | 1.2 | 5.7 |
| E | 1.4 | 2.1 | 1.4 | .2 | | | | | | | | 5.1 | 5.6 |
| ESE | 1.2 | 6.0 | 4.0 | .9 | | | | | | | | 12.1 | 6.5 |
| SE | 2.8 | 5.7 | 8.8 | 1.7 | | | | | | | | 18.9 | 6.9 |
| SSE | 1.5 | 2.7 | 5.1 | 2.7 | | | | | | | | 11.9 | 7.6 |
| S | .6 | .5 | .5 | .1 | | | | | | | | 2.3 | 5.5 |
| SSW | .3 | .2 | | | | | | | | | | .6 | 3.0 |
| SW | .8 | .5 | .1 | | | | | | | | | 1.4 | 3.2 |
| WSW | .5 | .2 | | | | | | | | | | .7 | 2.0 |
| W | 1.3 | 1.4 | .5 | | | | | | | | | 3.1 | 4.0 |
| WNW | 1.0 | 1.4 | 1.0 | 1.4 | .3 | | | | | | | 5.2 | 8.4 |
| NW | .6 | 1.6 | 2.2 | 1.3 | .3 | | | | | | | 6.0 | 8.5 |
| NNW | .7 | .8 | 2.0 | 3.1 | 1.8 | .1 | | | | | | 8.5 | 11.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.5 | |
| | 15.7 | 6.4 | 25.4 | 13.8 | 3.1 | .1 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 867

U.S. AIR FORCE
CLIMATE BRANCH
METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 15 LAUGHLIN AFB TX STATION NAME 69-70,73-80 YEARS 69
CLASS ALL WEATHER MONTHS 1250-1400
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .6 | 1.6 | 2.8 | 1.8 | .2 | .1 | | | | | | 7.3 | 8.8 |
| NNE | .4 | .3 | .4 | .2 | | | | | | | | 1.5 | 6.5 |
| N E | .7 | .1 | .1 | | | | | | | | | .9 | 3.4 |
| ENE | .4 | | | | | | | | | | | .4 | 2.0 |
| E | .7 | 1.2 | .6 | .2 | | | | | | | | 2.3 | 5.4 |
| ESE | 1.2 | 2.7 | 3.0 | .3 | | | | | | | | 7.3 | 6.2 |
| SE | 1.7 | 4.7 | 8.3 | 3.3 | | | | | | | | 18.0 | 7.8 |
| SSE | 1.7 | 4.5 | 8.1 | 5.6 | .3 | | | | | | | 20.2 | 6.7 |
| S | .6 | 2.9 | 2.6 | .8 | .1 | | | | | | | 7.0 | 7.0 |
| SSW | .6 | .4 | | | | | | | | | | 1.0 | 3.6 |
| SW | .2 | .2 | .2 | | | | | | | | | .7 | 4.0 |
| WSW | .9 | .4 | | | | | | | | | | 1.3 | 2.6 |
| W | 1.2 | .4 | .1 | .1 | | | | | | | | 1.9 | 3.9 |
| WNW | .2 | 1.1 | 1.6 | .4 | .2 | | | | | | | 3.6 | 8.4 |
| NW | .6 | 1.1 | 2.2 | 2.5 | .8 | .1 | .1 | | | | | 7.4 | 10.9 |
| NNW | .7 | 2.9 | 2.7 | 3.6 | 1.6 | .4 | | | | | | 11.9 | 10.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.2 | |
| | 12.6 | 24.6 | 32.8 | 18.9 | 3.3 | .7 | .1 | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 591

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 72515 STATION NAME LAUGHLIN AFB TX YEARS 69-70, 73-80 NAVY ROUTE 1500-1700 HOURS (LST)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .3 | 2.3 | 4.4 | 2.1 | .3 | | | | | | | 9.2 | 6.9 |
| NNE | .2 | .9 | .6 | .1 | | | | | | | | 1.8 | 7.0 |
| NE | .2 | .2 | .4 | | | | | | | | | .9 | 6.5 |
| ENE | .4 | .2 | | | | | | | | | | .7 | 2.5 |
| E | 1.1 | 2.3 | .7 | | | | | | | | | 3.8 | 4.9 |
| ESE | 1.2 | 2.5 | 4.8 | .3 | | | | | | | | 8.9 | 6.5 |
| SE | 1.1 | 6.7 | 9.1 | 3.0 | | | | | | | | 20.2 | 7.7 |
| SSE | 1.1 | 5.1 | 7.2 | 4.7 | .3 | | | | | | | 18.4 | 8.5 |
| S | .9 | 1.6 | 2.2 | .6 | .2 | | | | | | | 5.5 | 7.2 |
| SSW | .4 | .4 | .1 | | | | | | | | | 1.0 | 3.8 |
| SW | .7 | .2 | | | | | | | | | | .9 | 2.4 |
| WSW | .8 | .2 | | | | | | | | | | 1.0 | 2.9 |
| W | .4 | .3 | .4 | .1 | | | | | | | | 1.3 | 6.3 |
| WWW | .3 | .3 | 1.0 | .7 | | | | | | | | 2.3 | 7.8 |
| NW | .1 | 1.1 | 2.6 | 2.2 | .1 | .1 | | | | | | 6.3 | 9.9 |
| NNW | .2 | 2.6 | 3.4 | 3.0 | 1.5 | .2 | .3 | | | | | 11.2 | 11.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.2 | |
| | 9.6 | 26.8 | 37.1 | 16.9 | 2.5 | .3 | .3 | | | | | 100.2 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 891

AL CLIMATOLOGY BRANCH
 LTAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAUGHLIN AFB TX STATION NAME 62-70.73-RU YEARS 1957
 CLASS ALL WEATHER MONTH 12-1-1957
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 3.7 | 2.7 | 2.1 | .4 | | | | | | | 1.4 | 7.2 |
| NNE | 1.1 | 1.3 | .6 | 1.0 | | | | | | | | 4.0 | 6.3 |
| NE | .4 | .5 | | | | | | | | | | .9 | 4.1 |
| ENE | 1.0 | .6 | .1 | | | | | | | | | 1.7 | 3.5 |
| E | 3.9 | 4.5 | .4 | .1 | | | | | | | | 6.9 | 3.7 |
| ESE | 4.4 | 7.7 | 2.1 | .1 | | | | | | | | 14.3 | 4.6 |
| SE | 4.1 | 8.5 | 3.5 | .2 | | | | | | | | 16.5 | 5.1 |
| SSE | 2.3 | 2.4 | .9 | .5 | | | | | | | | 6.1 | 5.0 |
| S | 1.6 | 2.2 | .1 | | | | | | | | | 3.9 | 3.6 |
| SSW | 1.2 | 1.2 | | | | | | | | | | 2.4 | 3.2 |
| SW | .6 | .7 | | | | | | | | | | 1.3 | 3.4 |
| WSW | 1.0 | .5 | | | | | | | | | | 1.5 | 2.8 |
| W | | 2.0 | .1 | | | | | | | | | 2.1 | 4.3 |
| WNW | 1.0 | 1.5 | .5 | | | | | | | | | 2.0 | 4.5 |
| NW | 1.1 | 1.6 | .9 | .6 | .1 | | | | | | | 4.3 | 6.6 |
| NNW | .6 | 1.5 | 2.6 | 1.5 | | .4 | | | | | | 6.5 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 6.5 | 40.5 | 13.7 | 6.1 | .5 | .4 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 42

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.0 | 3.8 | 1.5 | 1.9 | | | | | | | | 11.2 | 5.5 |
| NNE | 2.2 | 3.8 | .8 | .3 | | | | | | | | 7.0 | 4.8 |
| NE | 1.6 | .4 | .3 | .1 | | | | | | | | 2.4 | 4.3 |
| ENE | 1.6 | 1.1 | | | | | | | | | | 2.7 | 3.1 |
| E | 5.5 | 6.1 | .7 | | .1 | | | | | | | 12.4 | 4.0 |
| ESE | 5.8 | 7.1 | 2.6 | 1.1 | .3 | | | | | | | 16.8 | 5.3 |
| SE | 2.6 | 7.1 | 1.5 | .7 | | | | | | | | 11.8 | 5.2 |
| SSE | .9 | .7 | 1.2 | .3 | | | | | | | | 3.1 | 5.8 |
| S | .3 | .3 | | | | | | | | | | .5 | 3.3 |
| SSW | .1 | .9 | | | | | | | | | | 1.1 | 4.1 |
| SW | .3 | | .1 | | | | | | | | | .4 | 4.0 |
| WSW | .5 | .5 | | | | | | | | | | 1.1 | 3.1 |
| W | .5 | .7 | .1 | | | | | | | | | 1.3 | 4.0 |
| WNW | .7 | 1.2 | .5 | | | | | | | | | 2.4 | 5.0 |
| NW | 1.1 | .0 | .9 | 1.1 | | | | | | | | 4.0 | 7.3 |
| NNW | 1.2 | 1.6 | 1.5 | .8 | .1 | .3 | | | | | | 5.5 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.2 | |
| | 28.9 | 36.2 | 11.7 | 6.2 | .5 | .3 | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

743

CLIMATE CLIMATOLOGY BRANCH
 ETAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722015 LAUGHLIN AFB TX

69-70, 77-80

NCV
 NORTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.A.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 2.4 | 2.1 | 2.0 | .2 | .0 | | | | | | 5.0 | 7.2 |
| NNE | 1.6 | 1.7 | .6 | .3 | | | | | | | | 4.3 | 4.9 |
| NE | .8 | .6 | .3 | .1 | | | | | | | | 1.3 | 4.4 |
| ENE | 1.2 | .9 | .1 | .1 | | | | | | | | 2.2 | 3.7 |
| E | 3.2 | 4.7 | 1.0 | .1 | .0 | | | | | | | 9.0 | 4.4 |
| ESE | 2.6 | 5.3 | 3.5 | .6 | .0 | | | | | | | 12.1 | 5.7 |
| SE | 2.0 | 5.6 | 5.3 | 1.6 | | | | | | | | 14.5 | 6.7 |
| SSE | 1.2 | 2.5 | 3.5 | 2.0 | .1 | | | | | | | 9.3 | 7.8 |
| S | .6 | 1.1 | .8 | .2 | .0 | | | | | | | 2.8 | 6.1 |
| SSW | .4 | .5 | .0 | | | | | | | | | .9 | 3.4 |
| SW | .4 | .2 | .1 | | | | | | | | | .7 | 3.2 |
| WSW | .5 | .3 | | | | | | | | | | .9 | 2.8 |
| W | .7 | .9 | .2 | .0 | | | | | | | | 1.8 | 4.4 |
| WNW | .8 | 1.5 | .8 | .4 | .1 | | | | | | | 3.6 | 6.5 |
| NW | .9 | 1.8 | 1.8 | 1.3 | .2 | .0 | .0 | | | | | 6.1 | 8.1 |
| NNW | .9 | 1.9 | 2.2 | 2.1 | .9 | .2 | .0 | | | | | 8.1 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.0 | |
| | 20.2 | 31.8 | 22.3 | 10.9 | 1.6 | .2 | .1 | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS

6229

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72415
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.5 | 2.9 | 1.8 | 1.1 | | | | | | | | 10.3 | 5.3 |
| NNE | 5.5 | 4.2 | .5 | .3 | .3 | | | | | | | 10.6 | 4.1 |
| NE | 2.1 | 1.0 | | | | | | | | | | 3.1 | 3.1 |
| ENE | 2.7 | 1.5 | | | | | | | | | | 4.2 | 2.9 |
| E | 5.2 | 7.4 | 1.6 | | | | | | | | | 14.2 | 4.2 |
| ESE | 2.9 | 6.6 | 3.4 | .6 | | | | | | | | 13.5 | 5.5 |
| SE | 1.6 | 3.7 | 2.6 | .5 | | | | | | | | 8.4 | 5.9 |
| SSE | .3 | .8 | | .2 | | | | | | | | 1.3 | 4.9 |
| S | .2 | .2 | | | | | | | | | | .3 | 3.5 |
| SSW | .2 | .2 | | | | | | | | | | .3 | 3.2 |
| SW | .5 | | | | | | | | | | | .5 | 2.0 |
| WSW | .2 | | | | | | | | | | | .2 | 2.0 |
| W | .6 | .8 | | .2 | | | | | | | | 1.6 | 5.1 |
| WNW | 1.5 | 1.9 | .5 | | .2 | | | | | | | 4.0 | 4.7 |
| NW | .8 | 3.1 | 1.3 | .2 | | | | | | | | 5.3 | 5.6 |
| NNW | .6 | 1.9 | 2.6 | 2.6 | | | | | | | | 7.7 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 29.4 | 36.1 | 14.2 | 5.6 | .5 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 620

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722415
STATION

LAUGHLIN AFB TX
STATION NAME

69-70-75-80
YEARS

DLC
MONTH

ALL WEATHER
CLASS

0300-0500
GROUP (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.4 | 2.4 | 2.2 | 1.0 | .2 | | | | | | | 11.1 | 5.5 |
| NNE | 3.2 | 3.5 | 1.0 | .5 | | | | | | | | 8.3 | 4.5 |
| NE | 2.0 | 1.7 | .2 | .2 | | | | | | | | 4.0 | 3.8 |
| ENE | 2.2 | 1.2 | | | | | | | | | | 3.4 | 3.1 |
| E | 4.4 | 7.8 | 2.5 | | | | | | | | | 14.7 | 4.7 |
| ESE | .7 | 8.3 | 2.9 | .7 | | | | | | | | 12.5 | 6.0 |
| SE | 1.0 | 2.5 | 2.0 | .3 | | | | | | | | 5.9 | 5.9 |
| SSE | | .5 | .2 | .2 | | | | | | | | .6 | 7.2 |
| S | .3 | | | | | | | | | | | .3 | 2.0 |
| SSW | .2 | | | | | | | | | | | .2 | 2.0 |
| SW | .3 | | | | | | | | | | | .3 | 2.0 |
| WSW | .2 | | .2 | | | | | | | | | .3 | 5.0 |
| W | .7 | 1.5 | .3 | | | | | | | | | 2.5 | 4.6 |
| WNW | 1.5 | 3.7 | 1.0 | | | | | | | | | 6.2 | 4.9 |
| NW | 1.5 | 3.5 | .8 | .7 | | | | | | | | 6.6 | 5.4 |
| NNW | 1.0 | 2.4 | 2.5 | 2.5 | | | | | | | | 8.4 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.3 | |
| | 28.6 | 39.0 | 15.9 | 6.1 | .2 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

591

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702015
STATION

LAUGHLIN AFB TX

STATION NAME

69-70,73-80

YEARS

DEC

MONTH

ALL WEATHER

CLASS

0600-0800

HOURLY (L.E.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.7 | 1.9 | .8 | .8 | .2 | | | | | | | 6.5 | 5.0 |
| NNE | 4.1 | 2.5 | | | | | | | | | | 6.6 | 3.0 |
| NE | 1.4 | .1 | .5 | | | | | | | | | 2.0 | 3.9 |
| ENE | 2.2 | 1.1 | | | | | | | | | | 3.2 | 2.8 |
| E | 3.2 | 6.9 | 1.0 | .1 | | | | | | | | 11.2 | 4.4 |
| ESE | 1.9 | 5.2 | 4.2 | .2 | | | | | | | | 11.5 | 5.7 |
| SE | 1.0 | 2.4 | 2.2 | .4 | | | | | | | | 5.9 | 6.2 |
| SSE | .4 | .1 | .6 | .2 | | | | | | | | 1.3 | 7.6 |
| S | .1 | .2 | .1 | | | | | | | | | .5 | 5.5 |
| SSW | .1 | | | | | | | | | | | .1 | 2.0 |
| SW | .4 | .1 | | | | | | | | | | .5 | 2.0 |
| WSW | | | .1 | | | | | | | | | .1 | 10.0 |
| W | .5 | .8 | .4 | | | | | | | | | 1.7 | 4.9 |
| WNW | 1.0 | 4.3 | 1.8 | .1 | .1 | | | | | | | 7.3 | 5.9 |
| NW | 1.7 | 4.1 | 2.3 | .6 | .5 | .2 | | | | | | 9.4 | 7.0 |
| NNW | 1.9 | 2.5 | 2.0 | 3.0 | .6 | | | | | | | 10.1 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.0 | |
| | 24.5 | 32.3 | 16.0 | 5.5 | 1.4 | .2 | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS

832

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615 LAUGHLIN AFB TX

69-70, 73-80

DEC

ALL WEATHER
CLASS

5930-1100
MOON (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.5 | 1.1 | 1.6 | .5 | | | | | | | 5.7 | 8.6 |
| NNE | 1.1 | .6 | | | | | | | | | | 1.7 | 3.2 |
| NE | .6 | .5 | | | | | | | | | | 1.0 | 3.1 |
| ENE | .6 | .3 | | | | | | | | | | .9 | 2.5 |
| E | .8 | 2.4 | .2 | | | | | | | | | 3.4 | 4.3 |
| ESE | 2.2 | 3.7 | 4.3 | .5 | | | | | | | | 10.7 | 6.1 |
| SE | 2.6 | 4.5 | 7.4 | 1.6 | | | | | | | | 16.1 | 7.0 |
| SSE | 1.9 | 3.2 | 3.4 | .9 | | | | | | | | 9.4 | 6.5 |
| S | .8 | 1.7 | .2 | | | | | | | | | 2.7 | 4.0 |
| SSW | .5 | .1 | | | | | | | | | | .6 | 2.2 |
| SW | .1 | .2 | | | | | | | | | | .3 | 3.3 |
| WSW | .7 | .1 | | | | | | | | | | .8 | 2.0 |
| W | 1.7 | .8 | .3 | | | | | | | | | 2.8 | 3.8 |
| WNW | 1.5 | 3.4 | 1.8 | .3 | | | .2 | | | | | 7.3 | 6.3 |
| NW | 1.5 | 2.2 | 3.2 | 3.0 | .3 | .1 | .1 | .1 | | | | 10.5 | 9.3 |
| NNW | 1.0 | 1.5 | 3.6 | 5.3 | .8 | | .1 | | | | | 12.4 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.6 | |
| | 14.5 | 26.7 | 25.7 | 13.2 | 1.6 | .1 | .5 | .1 | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | .2 | 1.6 | 1.4 | .3 | | | | | | | 3.9 | 10.5 |
| NNE | .1 | | .3 | .1 | | | | | | | | .6 | 7.8 |
| NE | .3 | .1 | .2 | | | | | | | | | .7 | 5.0 |
| ENE | .2 | | | | | | | | | | | .2 | 2.5 |
| E | 1.7 | .8 | .3 | | | | | | | | | 2.1 | 4.4 |
| ESE | 2.0 | 2.7 | 3.4 | .7 | | | | | | | | 9.7 | 6.3 |
| SE | 2.1 | 5.6 | 8.2 | 1.2 | .3 | | | | | | | 17.5 | 7.1 |
| SSE | 1.6 | 3.3 | 6.0 | 2.2 | .4 | | | | | | | 13.5 | 7.9 |
| S | 1.9 | 2.1 | 2.3 | .7 | | | | | | | | 7.0 | 6.0 |
| SSW | .2 | .2 | | | | | | | | | | .4 | 3.0 |
| SW | .2 | .4 | | | | | | | | | | .7 | 3.7 |
| WSW | .3 | .4 | | | | | | | | | | .8 | 3.1 |
| W | 1.6 | 1.2 | .9 | | | | | | | | | 3.7 | 4.4 |
| WNW | .2 | 2.3 | 2.9 | .9 | .2 | | .1 | .1 | | | | 7.4 | 8.2 |
| NW | .2 | 1.9 | 3.2 | 4.2 | .6 | .3 | .1 | | | | | 10.5 | 10.9 |
| NNW | .6 | 2.1 | 4.1 | 6.9 | .9 | .1 | | | | | | 14.6 | 11.0 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.8 | |
| | 13.5 | 23.5 | 33.4 | 18.3 | 2.8 | .4 | .2 | .1 | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS

903

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722615 STATION LAUGHLIN AFB TX STATION NAME 69-73-73-80 YEARS DEC MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .2 | 1.7 | 2.3 | 2.5 | .6 | .3 | | | | | | 7.6 | 10.6 |
| NNE | .1 | .2 | .4 | .2 | | | | | | | | 1.0 | 8.0 |
| NE | .2 | .1 | .4 | | | | | | | | | .8 | 6.9 |
| ENE | .3 | | .1 | | | | | | | | | .4 | 3.3 |
| E | .9 | 2.0 | .3 | | | | | | | | | 3.2 | 4.6 |
| ESE | .9 | 3.7 | 4.8 | .7 | | | | | | | | 10.1 | 6.9 |
| SE | 1.8 | 5.1 | 8.7 | 2.1 | .1 | | | | | | | 17.9 | 7.5 |
| SSE | 1.3 | 4.5 | 6.8 | 2.5 | .2 | | | | | | | 15.3 | 7.8 |
| S | 1.5 | 2.1 | 2.0 | .7 | | | | | | | | 6.3 | 6.3 |
| SSW | .6 | .6 | .1 | | | | | | | | | 1.2 | 3.7 |
| SW | .1 | .2 | .1 | | | | | | | | | .4 | 4.5 |
| WSW | .2 | | .1 | | | | | | | | | .3 | 4.0 |
| W | .8 | .7 | .4 | .1 | | | | | | | | 2.0 | 4.7 |
| WNW | .4 | 1.0 | 1.8 | 1.1 | .2 | .3 | | | | | | 4.9 | 9.7 |
| NW | .7 | 2.6 | 3.2 | 1.5 | .6 | .3 | | | | | | 8.8 | 9.2 |
| NNW | .7 | 1.7 | 3.7 | 5.6 | .4 | | | | | | | 12.1 | 10.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.5 | |
| | 10.7 | 26.2 | 35.6 | 16.9 | 2.1 | 1.0 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 894

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

022615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

DLC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.1 | 3.0 | 2.6 | 1.5 | .4 | | | | | | | 8.5 | 7.7 |
| NNE | .5 | 1.0 | .2 | .4 | | | | | | | | 2.1 | 5.4 |
| NE | .5 | .5 | | | | | | | | | | 1.1 | 3.6 |
| NNE | 1.6 | .1 | | | | | | | | | | 1.7 | 2.5 |
| E | 3.2 | 4.0 | 1.9 | .1 | | | | | | | | 9.1 | 4.7 |
| ESE | 4.0 | 6.4 | 3.6 | .1 | | | | | | | | 14.1 | 5.0 |
| SE | 2.4 | 7.9 | 2.3 | | | | | | | | | 13.1 | 4.3 |
| SSE | 2.0 | 2.3 | .7 | .1 | | | | | | | | 5.7 | 4.3 |
| S | 1.6 | 2.7 | | | | | | | | | | 4.3 | 3.6 |
| SSW | 1.0 | 1.7 | | | | | | | | | | 2.7 | 3.6 |
| SW | .4 | .5 | | | | | | | | | | .9 | 3.6 |
| WSW | .7 | | | | | | | | | | | .7 | 2.0 |
| W | .9 | 1.2 | .2 | | | | | | | | | 2.3 | 4.0 |
| WNW | .7 | 2.2 | .5 | .4 | | | | | | | | 3.8 | 5.7 |
| NW | .6 | 2.8 | 1.9 | .4 | .1 | | | | | | | 5.8 | 6.7 |
| NNW | .7 | 2.0 | 2.1 | 2.5 | .5 | .1 | | | | | | 7.9 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.9 | |
| | 22.5 | 38.9 | 16.1 | 5.4 | 1.0 | .1 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

609

U.S. AIR FORCE
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 022-15 LAUGHLIN AFB TX STATION NAME 69-7J.73-80 YEAR DEC
CLASS ALL WEATHER MONTHS 2100-2400
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.9 | 1.7 | 1.3 | 1.5 | .3 | | | | | | | 8.7 | 5.9 |
| NNE | 5.4 | 4.3 | .9 | .3 | | | | | | | | 10.8 | 4.0 |
| NE | 2.7 | 1.6 | .1 | | | | | | | | | 4.4 | 3.3 |
| NNE | 1.7 | 1.1 | .3 | | | | | | | | | 3.1 | 3.7 |
| E | 4.1 | 5.4 | .4 | .3 | | | | | | | | 10.2 | 3.9 |
| ESE | 3.5 | 3.8 | 2.8 | .1 | | | | | | | | 15.3 | 4.9 |
| SE | 1.9 | 6.3 | 2.3 | .5 | | | | | | | | 11.0 | 5.4 |
| SSE | 1.6 | 2.1 | .4 | .1 | | | | | | | | 4.3 | 4.3 |
| S | 1.2 | .3 | .1 | | | | | | | | | 1.6 | 3.2 |
| SSW | .1 | | | | | | | | | | | .1 | 3.0 |
| SW | .1 | | | | | | | | | | | .1 | 1.0 |
| WSW | | | | | | | | | | | | | |
| W | .5 | .3 | .3 | | | | | | | | | 1.1 | 4.5 |
| WNW | .7 | .8 | .8 | | | | | | | | | 2.3 | 5.1 |
| NW | 1.1 | 2.5 | 1.3 | .1 | | | | | | | | 5.1 | 5.7 |
| NNW | 1.6 | 1.9 | 2.7 | 1.7 | .4 | | | | | | | 6.3 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.7 | |
| | 10.1 | 37.1 | 13.8 | 4.7 | .7 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 747

JOINT CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72615 LAUGHLIN AFB TX

69-70, 73-80

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 2.4 | 1.0 | 1.7 | 1.5 | .3 | .0 | | | | | | 7.8 | 7.2 |
| NNE | 2.3 | 1.8 | .4 | .2 | .0 | | | | | | | 4.7 | 4.1 |
| NE | 1.1 | .6 | .2 | .0 | | | | | | | | 2.0 | 3.7 |
| ENE | 1.3 | .6 | .0 | | | | | | | | | 2.0 | 3.0 |
| E | 2.6 | 4.3 | .9 | .1 | | | | | | | | 7.9 | 4.4 |
| ESE | 2.2 | 5.4 | 3.7 | .4 | | | | | | | | 11.9 | 5.7 |
| SE | 1.9 | 4.7 | 4.8 | .9 | .1 | | | | | | | 12.5 | 6.5 |
| SSE | 1.2 | 2.3 | 2.5 | .9 | .1 | | | | | | | 7.1 | 6.9 |
| S | 1.0 | 1.3 | .7 | .2 | | | | | | | | 3.2 | 5.2 |
| SSW | .4 | .4 | .0 | | | | | | | | | .7 | 3.3 |
| SW | .3 | .2 | .0 | | | | | | | | | .5 | 3.1 |
| WSW | .3 | .1 | .0 | | | | | | | | | .4 | 3.0 |
| W | .9 | .9 | .4 | .0 | | | | | | | | 2.3 | 4.4 |
| WNW | 1.0 | 2.5 | 1.5 | .4 | .1 | .0 | .0 | .0 | | | | 5.5 | 6.7 |
| NW | 1.7 | 2.3 | 2.3 | 1.4 | .3 | .1 | .0 | .0 | | | | 8.0 | 8.2 |
| NNW | 1.0 | 2.0 | 3.0 | 4.0 | .5 | .0 | .0 | | | | | 10.5 | 9.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.2 | |
| | 21.0 | 31.8 | 22.2 | 10.0 | 1.4 | .3 | .1 | .0 | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 6275

LOCAL CLIMATOLOGY BRANCH
 AFAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LANGHLEN AFB TX STATION NAME 69-70.73-81 YEARS ALL
 CLASS ALL WEATHER MONTH ALL
 CONDITION ALL HOURS (L.S.T.) ALL

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.5 | 1.4 | 1.2 | .2 | .1 | | | | | | 3.6 | 7.5 |
| NNE | 1.3 | 1.1 | .4 | .2 | .2 | .0 | .0 | | | | | 3.1 | 5.0 |
| NE | .8 | .7 | .3 | .1 | .0 | .0 | | | | | | 1.9 | 4.6 |
| ENE | 1.0 | .8 | .3 | .1 | .0 | .0 | | .0 | | | | 2.2 | 4.5 |
| E | 2.7 | 5.3 | 2.8 | .6 | .0 | .0 | | | .0 | | | 11.5 | 5.5 |
| ESE | 2.3 | 6.1 | 8.7 | 2.7 | .1 | .0 | .0 | .0 | | | | 19.8 | 7.3 |
| SE | 1.5 | 5.5 | 8.4 | 4.1 | .2 | .0 | .0 | | | | | 19.9 | 6.0 |
| SSE | 1.1 | 2.7 | 4.3 | 2.3 | .2 | .0 | | | | | | 10.5 | 8.2 |
| S | .9 | 1.2 | 1.0 | .4 | .0 | .0 | | | | | | 3.4 | 6.2 |
| SSW | .7 | .3 | .1 | .0 | .0 | | | | | | | .7 | 3.9 |
| SW | .3 | .2 | .0 | .0 | .0 | | | | | | | .4 | 3.6 |
| WSW | .2 | .2 | .0 | .0 | .0 | | | | | | | .5 | 3.6 |
| W | .4 | .4 | .2 | .0 | .1 | .0 | | | | | | 1.1 | 4.9 |
| WNW | .5 | .9 | .5 | .2 | .1 | .0 | .0 | .0 | | | | 2.3 | 7.0 |
| NW | .6 | 1.2 | 1.0 | .7 | .2 | .1 | .0 | .0 | | | | 3.7 | 8.2 |
| NNW | .6 | 1.2 | 1.4 | 1.5 | .4 | .1 | .0 | .0 | | | | 4.9 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.4 | |
| | 15.9 | 29.7 | 30.1 | 14.0 | 1.5 | .3 | .0 | .0 | .0 | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 77392

AFAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1/22/19 LAUGHLIN AFB TX 69-70,73-81 ALL
STATION STATION NAME YEARS MONTH
INSTRUMENT
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | .6 | .5 | .4 | .1 | .0 | | | | | | 2.3 | 6.5 |
| NNE | .5 | .3 | .3 | .1 | .0 | | | | | | | 1.2 | 5.4 |
| NE | .5 | .4 | .2 | .0 | .0 | | | | | | | 1.1 | 4.6 |
| ENE | .5 | .7 | .3 | .1 | | .0 | | .0 | | | | 1.7 | 5.3 |
| E | 1.6 | 3.7 | 2.7 | .5 | .0 | .0 | | | .0 | | | 5.7 | 6.1 |
| ESE | 1.6 | 7.6 | 12.0 | 3.6 | .1 | | .0 | .0 | | | | 25.1 | 7.7 |
| SE | 1.3 | 7.4 | 15.2 | 5.2 | .0 | | | | | | | 29.5 | 8.1 |
| SSE | 1.3 | 2.5 | 4.8 | 1.1 | .0 | | | | | | | 9.4 | 7.5 |
| S | .5 | .0 | .6 | .2 | | .0 | | | | | | 2.2 | 6.1 |
| SSW | .2 | .2 | .0 | .0 | | | | | | | | .3 | 5.9 |
| SW | .2 | .1 | .0 | | .0 | | | | | | | .3 | 4.2 |
| WSW | .2 | .1 | .0 | | | | | | | | | .3 | 3.5 |
| W | .6 | .6 | .2 | .1 | | .0 | | | | | | 1.9 | 4.5 |
| WNW | .6 | .9 | .6 | .3 | .1 | .0 | | | | | | 2.5 | 6.8 |
| NW | .6 | 1.0 | 1.0 | .4 | .0 | .0 | | | | | | 3.3 | 7.1 |
| NNW | .5 | .6 | .8 | .8 | .2 | .0 | | | | | | 2.9 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.8 | |
| | 11.0 | 27.6 | 39.3 | 12.7 | .5 | .2 | .0 | .0 | .5 | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 7977

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|----------|----------|----------|----------|---------------------|----------|---------------------|---------------------|----------|--------------------|--------------------|--------------------|--------------------|----------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | $\geq 2\frac{1}{2}$ | ≥ 2 | $\geq 1\frac{1}{2}$ | $\geq 1\frac{1}{4}$ | ≥ 1 | $\geq \frac{3}{4}$ | $\geq \frac{1}{2}$ | $\geq \frac{1}{4}$ | $\geq \frac{1}{8}$ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | |
| IV 1500 | | | | | 91.0 | | | | | | | | | | 92.6 |
| IV 1200 | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | 97.4 | | | | | 98.1 |
| IV 400 | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | |
| IV 0 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | 100.0 |

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72261
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING ≥ 20000 | 15.4 | 58.4 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 59.0 |
| ≥ 18000 | 15.9 | 60.6 | 61.1 | 61.1 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.6 |
| ≥ 16000 | 15.9 | 60.9 | 61.4 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.9 |
| ≥ 14000 | 15.9 | 60.9 | 61.4 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.9 |
| ≥ 12000 | 15.9 | 65.6 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.6 |
| ≥ 10000 | 16.1 | 68.3 | 68.8 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.3 |
| ≥ 9000 | 16.1 | 68.6 | 69.1 | 69.1 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 |
| ≥ 8000 | 16.1 | 69.3 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.3 |
| ≥ 7000 | 16.1 | 69.5 | 69.9 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 |
| ≥ 6000 | 16.1 | 69.8 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.7 |
| ≥ 5000 | 16.1 | 70.3 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 |
| ≥ 4500 | 16.2 | 71.1 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 |
| ≥ 4000 | 16.4 | 72.3 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 |
| ≥ 3500 | 16.6 | 73.3 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.6 |
| ≥ 3000 | 16.6 | 75.2 | 76.0 | 76.0 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.7 |
| ≥ 2500 | 16.6 | 76.0 | 76.8 | 76.8 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.5 |
| ≥ 2000 | 17.5 | 78.9 | 80.2 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.9 |
| ≥ 1800 | 17.7 | 79.3 | 80.5 | 80.5 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.2 |
| ≥ 1500 | 17.7 | 80.5 | 81.8 | 81.8 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.5 |
| ≥ 1200 | 17.8 | 81.8 | 83.1 | 83.1 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 |
| ≥ 1000 | 17.8 | 82.0 | 83.3 | 83.3 | 83.8 | 83.9 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.4 |
| ≥ 900 | 17.8 | 82.8 | 84.4 | 84.4 | 85.2 | 85.4 | 85.5 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 86.0 |
| ≥ 800 | 18.2 | 83.6 | 85.2 | 85.2 | 86.3 | 86.5 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 87.0 | 87.1 |
| ≥ 700 | 18.2 | 84.1 | 86.0 | 86.3 | 87.3 | 87.5 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.1 | 88.4 |
| ≥ 600 | 18.3 | 84.4 | 86.7 | 87.3 | 88.6 | 88.7 | 89.1 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 90.2 |
| ≥ 500 | 18.3 | 85.0 | 87.3 | 88.3 | 89.5 | 89.7 | 90.4 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 91.0 | 91.6 |
| ≥ 400 | 18.5 | 85.5 | 88.1 | 89.4 | 91.0 | 91.2 | 92.1 | 92.4 | 92.6 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.4 | 94.2 |
| ≥ 300 | 18.6 | 85.9 | 88.6 | 89.9 | 92.0 | 92.3 | 93.6 | 94.1 | 94.2 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.8 |
| ≥ 200 | 18.6 | 85.9 | 88.7 | 90.0 | 92.3 | 92.6 | 94.5 | 95.3 | 95.5 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 97.6 |
| ≥ 100 | 18.6 | 85.9 | 88.7 | 90.0 | 92.3 | 92.6 | 94.7 | 95.7 | 96.1 | 96.8 | 97.3 | 97.4 | 97.4 | 97.4 | 97.7 | 99.4 |
| ≥ 0 | 18.6 | 85.9 | 88.7 | 90.0 | 92.3 | 92.6 | 94.7 | 95.7 | 96.1 | 96.8 | 97.3 | 97.4 | 97.4 | 97.4 | 97.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 622

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,76-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 12.4 | 50.3 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.3 | 51.5 |
| ≥ 20000 | 14.2 | 54.5 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.5 | 55.6 |
| IN 18000 | 14.2 | 54.8 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.8 | 56.0 |
| IN 16000 | 14.2 | 54.8 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.8 | 56.0 |
| IN 14000 | 14.4 | 56.9 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.9 | 58.1 |
| IN 12000 | 14.4 | 57.4 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.4 | 58.5 |
| IN 10000 | 14.5 | 60.5 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.5 | 61.6 |
| IN 9000 | 14.5 | 60.8 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.8 | 61.9 |
| IN 8000 | 14.8 | 61.9 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.9 | 63.1 |
| IN 7000 | 14.8 | 62.1 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.1 | 63.2 |
| IN 6000 | 14.8 | 62.6 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.5 | 63.7 |
| IN 5000 | 14.8 | 63.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.4 | 64.5 |
| IN 4500 | 15.6 | 64.7 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.8 | 66.0 |
| IN 4000 | 15.6 | 66.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 68.1 | 68.2 |
| IN 3500 | 16.0 | 68.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.7 | 69.8 |
| IN 3000 | 16.7 | 69.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 | 70.3 |
| IN 2500 | 16.1 | 70.3 | 71.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.8 |
| IN 2000 | 16.1 | 73.4 | 74.4 | 74.4 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 75.0 |
| IN 1800 | 16.3 | 74.4 | 75.3 | 75.3 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.8 | 76.0 |
| IN 1500 | 16.5 | 77.1 | 78.1 | 78.1 | 78.2 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | 78.7 |
| IN 1200 | 17.3 | 78.4 | 79.5 | 79.5 | 79.7 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.2 | 80.3 |
| IN 1000 | 17.3 | 79.0 | 80.2 | 80.2 | 80.5 | 80.6 | 80.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.3 |
| IN 900 | 17.4 | 79.7 | 81.0 | 81.0 | 81.3 | 81.5 | 81.8 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.3 | 82.4 |
| IN 800 | 17.4 | 80.2 | 81.6 | 81.6 | 82.1 | 82.4 | 82.7 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.4 |
| IN 700 | 17.6 | 80.8 | 82.3 | 82.3 | 83.5 | 83.9 | 84.2 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.7 | 84.8 |
| IN 600 | 17.7 | 81.5 | 83.1 | 83.1 | 84.8 | 85.2 | 85.5 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.6 |
| IN 500 | 18.1 | 82.3 | 84.5 | 85.8 | 87.4 | 87.7 | 88.4 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.2 | 89.7 |
| IN 400 | 18.1 | 82.6 | 85.2 | 86.5 | 88.7 | 89.2 | 90.0 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.8 | 91.3 |
| IN 300 | 18.1 | 82.9 | 85.5 | 86.8 | 89.4 | 90.2 | 91.5 | 92.1 | 92.6 | 92.9 | 93.1 | 93.1 | 93.2 | 93.2 | 93.7 | 94.2 |
| IN 200 | 18.1 | 82.9 | 85.8 | 87.1 | 90.2 | 91.0 | 92.4 | 93.2 | 93.9 | 94.7 | 95.0 | 95.0 | 95.2 | 95.2 | 95.6 | 96.3 |
| IN 100 | 18.1 | 82.9 | 85.8 | 87.1 | 90.3 | 91.3 | 92.9 | 93.7 | 94.8 | 96.0 | 96.8 | 96.9 | 97.1 | 97.1 | 97.6 | 99.0 |
| IN 0 | 18.1 | 82.9 | 85.8 | 87.1 | 90.3 | 91.3 | 92.9 | 93.7 | 94.8 | 96.0 | 96.9 | 97.1 | 97.6 | 97.6 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 620

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0800
HOURS (L.G.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/8 | ≥¾ |
| NO CEILING | 22.3 | 42.6 | 43.5 | 43.6 | 43.8 | 44.1 | 44.4 | 44.6 | 44.6 | 44.6 | 44.6 | 44.8 | 44.8 | 44.9 | 44.9 | 45.0 |
| ≥20000 | 24.3 | 46.4 | 47.3 | 47.4 | 47.6 | 47.8 | 48.2 | 48.4 | 48.4 | 48.4 | 48.4 | 48.5 | 48.5 | 48.6 | 48.6 | 48.9 |
| ≥18000 | 24.3 | 46.5 | 47.4 | 47.5 | 47.7 | 47.9 | 48.3 | 48.5 | 48.5 | 48.5 | 48.6 | 48.6 | 48.7 | 48.7 | 48.7 | 49.0 |
| ≥16000 | 24.4 | 46.6 | 47.5 | 47.6 | 47.8 | 48.1 | 48.4 | 48.6 | 48.6 | 48.6 | 48.7 | 48.7 | 48.7 | 48.9 | 48.9 | 49.1 |
| ≥14000 | 24.7 | 47.8 | 48.7 | 48.9 | 49.1 | 49.3 | 49.7 | 49.9 | 49.9 | 49.9 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.3 |
| ≥12000 | 26.0 | 49.1 | 50.0 | 50.1 | 50.3 | 50.6 | 50.9 | 51.1 | 51.1 | 51.1 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.6 |
| ≥10000 | 26.1 | 50.3 | 51.3 | 51.4 | 51.6 | 51.8 | 52.2 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.8 |
| ≥9000 | 26.2 | 50.5 | 51.4 | 51.5 | 51.7 | 51.9 | 52.3 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 53.0 |
| ≥8000 | 26.5 | 51.3 | 52.2 | 52.3 | 52.5 | 52.7 | 53.1 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.8 |
| ≥7000 | 26.8 | 51.7 | 52.6 | 52.7 | 53.0 | 53.2 | 53.5 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.2 |
| ≥6000 | 27.2 | 52.7 | 53.6 | 53.8 | 54.0 | 54.2 | 54.6 | 54.8 | 54.8 | 54.8 | 54.9 | 54.9 | 55.0 | 55.0 | 55.0 | 55.2 |
| ≥5000 | 27.8 | 54.0 | 54.9 | 55.0 | 55.2 | 55.5 | 55.8 | 56.0 | 56.0 | 56.0 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.5 |
| ≥4500 | 28.1 | 55.2 | 56.2 | 56.3 | 56.5 | 56.7 | 57.1 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.7 |
| ≥4000 | 28.2 | 56.3 | 57.2 | 57.3 | 57.5 | 57.7 | 58.1 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.8 |
| ≥3500 | 29.4 | 57.7 | 58.7 | 58.8 | 59.0 | 59.2 | 59.6 | 59.8 | 59.8 | 59.8 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.3 |
| ≥3000 | 30.0 | 59.0 | 59.9 | 60.0 | 60.3 | 60.5 | 60.8 | 61.0 | 61.0 | 61.0 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.5 |
| ≥2500 | 31.3 | 61.6 | 62.5 | 62.6 | 62.9 | 63.1 | 63.4 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 64.1 |
| ≥2000 | 32.1 | 64.8 | 65.8 | 65.9 | 66.2 | 66.4 | 66.7 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.4 |
| ≥1800 | 32.5 | 65.4 | 66.4 | 66.5 | 66.7 | 67.0 | 67.3 | 67.5 | 67.5 | 67.5 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 68.0 |
| ≥1500 | 33.4 | 68.2 | 69.5 | 69.7 | 70.3 | 70.5 | 70.8 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.5 |
| ≥1200 | 33.8 | 70.0 | 71.4 | 71.6 | 72.2 | 72.4 | 72.9 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.6 |
| ≥1000 | 35.0 | 71.5 | 73.1 | 73.5 | 74.3 | 74.5 | 74.9 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.6 |
| ≥900 | 35.2 | 72.4 | 74.0 | 74.4 | 75.2 | 75.4 | 75.9 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.5 |
| ≥800 | 35.4 | 72.9 | 74.6 | 75.1 | 76.0 | 76.2 | 76.7 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.3 |
| ≥700 | 35.5 | 73.8 | 75.7 | 76.4 | 77.6 | 77.8 | 78.4 | 78.6 | 78.6 | 78.6 | 78.7 | 78.8 | 78.8 | 78.9 | 78.9 | 79.2 |
| ≥600 | 35.6 | 74.9 | 77.1 | 77.8 | 79.2 | 79.4 | 80.1 | 80.3 | 80.3 | 80.3 | 80.5 | 80.6 | 80.6 | 80.8 | 80.8 | 81.1 |
| ≥500 | 35.6 | 75.4 | 78.6 | 79.4 | 81.1 | 81.3 | 82.0 | 82.3 | 82.3 | 83.0 | 83.1 | 83.1 | 83.3 | 83.3 | 83.3 | 83.6 |
| ≥400 | 35.6 | 76.3 | 80.5 | 81.7 | 83.8 | 84.5 | 85.5 | 86.1 | 86.2 | 87.1 | 87.4 | 87.4 | 87.5 | 87.5 | 87.6 | 87.9 |
| ≥300 | 35.6 | 76.7 | 81.3 | 82.8 | 85.4 | 86.6 | 88.3 | 89.5 | 89.6 | 91.1 | 91.6 | 91.7 | 92.0 | 92.0 | 92.3 | 92.8 |
| ≥200 | 35.6 | 76.7 | 81.3 | 82.9 | 86.0 | 87.1 | 89.3 | 90.9 | 91.1 | 92.7 | 93.6 | 93.7 | 94.4 | 94.4 | 94.6 | 95.3 |
| ≥100 | 35.6 | 76.7 | 81.3 | 82.9 | 86.1 | 87.2 | 89.4 | 91.1 | 91.5 | 93.5 | 94.5 | 94.6 | 95.7 | 96.1 | 97.2 | 98.6 |
| ≥0 | 35.6 | 76.7 | 81.3 | 82.9 | 86.1 | 87.2 | 89.4 | 91.1 | 91.5 | 93.5 | 94.5 | 94.6 | 95.8 | 96.2 | 97.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

CEILING VERSUS VISIBILITY

72261
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.M.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/10 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 39.4 | 42.3 | 42.8 | 42.9 | 43.2 | 43.2 | 43.2 | 43.2 | 43.3 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| ≥ 20000 | 43.4 | 47.0 | 47.5 | 47.6 | 48.0 | 48.0 | 48.0 | 48.0 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| IN 18000 | 44.0 | 47.5 | 48.1 | 48.2 | 48.5 | 48.5 | 48.5 | 48.5 | 48.6 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| IN 16000 | 44.3 | 47.8 | 48.4 | 48.5 | 48.8 | 48.8 | 48.8 | 48.8 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| IN 14000 | 45.0 | 48.5 | 49.1 | 49.2 | 49.5 | 49.5 | 49.5 | 49.5 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| IN 12000 | 46.1 | 49.6 | 50.2 | 50.3 | 50.6 | 50.6 | 50.6 | 50.6 | 50.7 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IN 10000 | 47.3 | 50.9 | 51.5 | 51.6 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| IN 9000 | 47.5 | 51.2 | 51.7 | 51.8 | 52.1 | 52.1 | 52.1 | 52.1 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| IN 8000 | 48.2 | 52.0 | 52.6 | 52.7 | 53.0 | 53.0 | 53.0 | 53.0 | 53.1 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| IN 7000 | 48.7 | 52.6 | 53.1 | 53.3 | 53.6 | 53.6 | 53.6 | 53.6 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| IN 6000 | 49.5 | 53.6 | 54.1 | 54.2 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| IN 5000 | 50.6 | 54.8 | 55.5 | 55.5 | 55.8 | 55.8 | 55.8 | 55.8 | 55.9 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IN 4500 | 51.3 | 55.5 | 56.0 | 56.1 | 56.4 | 56.4 | 56.4 | 56.4 | 56.6 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| IN 4000 | 52.6 | 56.8 | 57.3 | 57.4 | 57.8 | 57.8 | 57.8 | 57.8 | 57.9 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| IN 3500 | 53.9 | 58.3 | 58.9 | 59.0 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| IN 3000 | 54.9 | 59.5 | 60.1 | 60.2 | 60.5 | 60.5 | 60.5 | 60.5 | 60.6 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| IN 2500 | 56.0 | 61.0 | 61.7 | 61.9 | 62.2 | 62.2 | 62.2 | 62.2 | 62.3 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IN 2000 | 58.3 | 64.5 | 65.4 | 65.5 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| IN 1800 | 59.2 | 65.7 | 66.6 | 66.7 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| IN 1500 | 60.5 | 68.1 | 69.5 | 69.6 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IN 1200 | 62.2 | 70.8 | 72.1 | 72.2 | 72.7 | 72.7 | 72.7 | 72.7 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IN 1000 | 63.6 | 72.9 | 74.2 | 74.3 | 74.8 | 74.8 | 74.8 | 74.8 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IN 900 | 64.4 | 73.8 | 75.2 | 75.3 | 75.7 | 75.7 | 75.7 | 75.7 | 76.0 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| IN 800 | 65.4 | 75.1 | 76.7 | 77.1 | 77.5 | 77.5 | 77.5 | 77.5 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| IN 700 | 65.7 | 76.0 | 77.8 | 78.2 | 79.1 | 79.1 | 79.1 | 79.1 | 79.3 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IN 600 | 66.9 | 77.8 | 80.5 | 81.0 | 82.4 | 82.5 | 82.5 | 82.5 | 83.0 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| IN 500 | 67.3 | 78.5 | 81.4 | 82.5 | 84.0 | 84.7 | 85.3 | 85.8 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| IN 400 | 67.3 | 79.1 | 82.5 | 83.6 | 86.4 | 87.2 | 88.1 | 89.2 | 89.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| IN 300 | 67.3 | 79.2 | 82.6 | 83.9 | 87.1 | 88.2 | 89.3 | 91.2 | 91.8 | 93.1 | 93.7 | 94.0 | 94.2 | 94.2 | 94.4 | 94.6 |
| IN 200 | 67.3 | 79.2 | 82.7 | 84.0 | 87.2 | 88.3 | 89.5 | 91.4 | 92.4 | 94.3 | 95.4 | 96.0 | 96.6 | 96.7 | 97.4 | 97.9 |
| IN 100 | 67.3 | 79.2 | 82.7 | 84.0 | 87.2 | 88.3 | 89.5 | 91.4 | 92.6 | 94.5 | 95.8 | 96.5 | 97.0 | 97.2 | 98.3 | 99.2 |
| IN 0 | 67.3 | 79.2 | 82.7 | 84.0 | 87.2 | 88.3 | 89.5 | 91.4 | 92.6 | 94.5 | 95.8 | 96.5 | 97.0 | 97.2 | 98.5 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 43.4 | 50.6 | 50.6 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| ≥ 20000 | 53.7 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 18000 | 54.7 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 16000 | 55.1 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 14000 | 55.7 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 12000 | 56.8 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 10000 | 58.7 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 9000 | 59.0 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 8000 | 60.4 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 7000 | 60.7 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 6000 | 61.5 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 5000 | 62.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 4500 | 64.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 4000 | 65.6 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 3500 | 66.6 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 3000 | 68.3 | 71.8 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 2500 | 70.2 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 2000 | 71.5 | 76.4 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 1800 | 72.1 | 76.9 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 1500 | 74.1 | 79.9 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 1200 | 75.4 | 82.1 | 82.9 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 1000 | 76.2 | 84.5 | 85.7 | 86.1 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 900 | 77.1 | 85.6 | 87.2 | 87.7 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 800 | 77.7 | 86.9 | 89.1 | 89.5 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 700 | 78.1 | 88.1 | 90.7 | 91.3 | 91.7 | 91.8 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 600 | 78.4 | 89.0 | 91.7 | 92.4 | 93.2 | 93.4 | 93.5 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 500 | 78.5 | 89.5 | 92.4 | 93.2 | 94.4 | 94.7 | 95.1 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 400 | 78.5 | 89.6 | 92.5 | 93.5 | 94.9 | 95.3 | 95.8 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 300 | 78.5 | 89.6 | 92.5 | 93.5 | 95.3 | 95.8 | 96.6 | 98.3 | 98.7 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 78.5 | 89.6 | 92.5 | 93.5 | 95.5 | 95.9 | 96.8 | 98.4 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 100 | 78.5 | 89.6 | 92.5 | 93.5 | 95.5 | 95.9 | 96.8 | 98.4 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 0 | 78.5 | 89.6 | 92.5 | 93.5 | 95.5 | 95.9 | 96.8 | 98.4 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 52.0 | 54.6 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 20000 | 60.3 | 63.3 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 18000 | 61.8 | 64.8 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 16000 | 62.1 | 65.1 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 14000 | 63.6 | 66.7 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 12000 | 65.0 | 68.2 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 10000 | 66.4 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 9000 | 67.1 | 70.5 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 8000 | 68.3 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 7000 | 68.6 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 6000 | 69.3 | 72.7 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 5000 | 70.6 | 74.2 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 4500 | 71.3 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 4000 | 72.9 | 76.8 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 3500 | 74.9 | 78.9 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 3000 | 77.0 | 81.5 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 2500 | 78.0 | 82.5 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 2000 | 79.4 | 85.3 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 1800 | 79.5 | 85.7 | 85.8 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1500 | 80.2 | 87.4 | 87.5 | 87.5 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 1200 | 81.7 | 89.8 | 90.2 | 90.4 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 1000 | 82.6 | 91.6 | 92.1 | 92.3 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 900 | 83.5 | 92.3 | 92.8 | 93.1 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 800 | 84.0 | 93.1 | 93.7 | 93.9 | 94.4 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 700 | 84.0 | 93.5 | 94.5 | 94.7 | 95.2 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 600 | 84.1 | 93.6 | 94.7 | 94.9 | 95.7 | 95.8 | 96.1 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 500 | 84.1 | 93.7 | 94.8 | 95.1 | 96.0 | 96.3 | 97.0 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 400 | 84.1 | 94.0 | 95.1 | 95.4 | 96.5 | 96.9 | 97.6 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 300 | 84.1 | 94.0 | 95.2 | 95.5 | 96.7 | 97.2 | 98.4 | 98.9 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 84.1 | 94.0 | 95.2 | 95.5 | 96.7 | 97.2 | 98.4 | 98.9 | 99.1 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 84.1 | 94.0 | 95.2 | 95.5 | 96.7 | 97.2 | 98.4 | 98.9 | 99.1 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 84.1 | 94.0 | 95.2 | 95.5 | 96.7 | 97.2 | 98.4 | 98.9 | 99.1 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 35.1 | 55.3 | 55.3 | 55.4 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.9 |
| ≥ 20000 | 39.7 | 62.0 | 62.0 | 62.1 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.6 |
| ≥ 18000 | 40.4 | 63.6 | 63.6 | 63.7 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.2 |
| ≥ 16000 | 40.5 | 63.9 | 63.9 | 64.1 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.6 |
| ≥ 14000 | 41.0 | 65.1 | 65.1 | 65.2 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 |
| ≥ 12000 | 42.5 | 68.5 | 68.5 | 68.6 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 |
| ≥ 10000 | 44.5 | 72.0 | 72.0 | 72.1 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 |
| ≥ 9000 | 44.6 | 72.1 | 72.1 | 72.2 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 |
| ≥ 8000 | 44.9 | 72.5 | 72.5 | 72.6 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 |
| ≥ 7000 | 45.5 | 73.6 | 73.6 | 73.7 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 |
| ≥ 6000 | 46.0 | 74.2 | 74.2 | 74.3 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 |
| ≥ 5000 | 46.1 | 74.7 | 74.7 | 74.8 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 |
| ≥ 4500 | 46.7 | 76.1 | 76.1 | 76.2 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 |
| ≥ 4000 | 47.3 | 76.8 | 76.8 | 77.0 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 |
| ≥ 3500 | 48.2 | 77.9 | 77.9 | 78.1 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.6 |
| ≥ 3000 | 48.9 | 79.1 | 79.1 | 79.2 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 |
| ≥ 2500 | 50.3 | 82.5 | 82.5 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 |
| ≥ 2000 | 51.1 | 84.0 | 84.0 | 84.1 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 |
| ≥ 1800 | 51.4 | 84.6 | 84.6 | 85.0 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 |
| ≥ 1500 | 52.0 | 87.0 | 87.5 | 87.6 | 88.2 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 |
| ≥ 1200 | 52.7 | 88.4 | 89.2 | 89.3 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 |
| ≥ 1000 | 53.7 | 90.1 | 91.1 | 91.2 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 |
| ≥ 900 | 54.1 | 91.0 | 92.2 | 92.3 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.6 |
| ≥ 800 | 54.5 | 91.6 | 92.8 | 93.1 | 93.9 | 93.9 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 |
| ≥ 700 | 54.8 | 92.1 | 93.6 | 93.8 | 94.7 | 94.7 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.2 |
| ≥ 600 | 54.8 | 92.1 | 93.6 | 93.8 | 95.0 | 95.0 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.7 |
| ≥ 500 | 54.8 | 92.2 | 93.7 | 94.1 | 95.5 | 95.5 | 95.9 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 |
| ≥ 400 | 54.8 | 92.2 | 93.7 | 94.2 | 95.8 | 96.0 | 97.0 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 |
| ≥ 300 | 54.8 | 92.2 | 93.7 | 94.2 | 95.8 | 96.0 | 97.3 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 |
| ≥ 200 | 54.8 | 92.2 | 93.8 | 94.3 | 96.0 | 96.3 | 97.9 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 100 | 54.8 | 92.2 | 93.8 | 94.3 | 96.0 | 96.3 | 97.9 | 98.9 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 100.0 |
| ≥ 0 | 54.4 | 92.2 | 93.8 | 94.3 | 96.0 | 96.3 | 97.9 | 98.9 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722415
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 24.3 | 57.8 | 58.0 | 58.0 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥20000 | 25.6 | 61.8 | 62.1 | 62.1 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥18000 | 26.0 | 63.1 | 63.4 | 63.4 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥16000 | 26.0 | 63.1 | 63.4 | 63.4 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥14000 | 26.5 | 65.1 | 65.4 | 65.4 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥12000 | 26.7 | 66.7 | 67.0 | 67.0 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥10000 | 27.6 | 69.0 | 69.2 | 69.2 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥9000 | 27.6 | 69.1 | 69.4 | 69.4 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥8000 | 27.6 | 69.4 | 69.6 | 69.6 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥7000 | 27.6 | 69.9 | 70.2 | 70.2 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥6000 | 28.1 | 70.7 | 71.0 | 71.0 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥5000 | 28.1 | 71.2 | 71.8 | 71.8 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥4500 | 28.1 | 72.9 | 73.5 | 73.5 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥4000 | 28.2 | 73.5 | 74.1 | 74.1 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥3500 | 28.9 | 74.7 | 75.2 | 75.2 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥3000 | 29.2 | 76.0 | 76.5 | 76.5 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥2500 | 29.6 | 78.5 | 79.0 | 79.0 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥2000 | 30.6 | 80.1 | 80.6 | 80.6 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥1800 | 30.9 | 81.0 | 81.6 | 81.6 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥1500 | 31.2 | 82.6 | 83.4 | 83.4 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥1200 | 31.8 | 84.6 | 85.5 | 85.5 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥1000 | 32.4 | 86.1 | 87.1 | 87.1 | 87.8 | 87.8 | 88.1 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥900 | 32.5 | 86.6 | 87.7 | 87.7 | 88.3 | 88.3 | 88.6 | 88.7 | 88.7 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥800 | 32.6 | 87.1 | 88.1 | 88.1 | 89.1 | 89.1 | 89.5 | 89.7 | 89.7 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥700 | 33.0 | 88.5 | 89.8 | 90.1 | 90.6 | 90.6 | 91.0 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥600 | 33.3 | 88.9 | 90.3 | 90.6 | 91.1 | 91.1 | 91.6 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥500 | 33.6 | 89.1 | 90.6 | 90.8 | 91.5 | 91.5 | 92.4 | 92.7 | 92.7 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥400 | 33.6 | 89.2 | 90.8 | 91.4 | 92.2 | 92.4 | 93.8 | 94.3 | 94.3 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 95.0 |
| ≥300 | 33.7 | 89.3 | 91.0 | 91.9 | 93.1 | 93.6 | 95.4 | 96.2 | 96.2 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.1 |
| ≥200 | 33.7 | 89.3 | 91.0 | 91.9 | 93.5 | 94.0 | 96.3 | 97.1 | 97.1 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 98.3 |
| ≥100 | 33.7 | 89.3 | 91.0 | 91.9 | 93.6 | 94.2 | 96.4 | 97.5 | 97.5 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.5 |
| ≥0 | 33.7 | 89.3 | 91.0 | 91.9 | 93.6 | 94.2 | 96.4 | 97.5 | 97.5 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 754

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING ≥ 20000 | 32.7 | 51.1 | 51.4 | 51.5 | 51.7 | 51.7 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 |
| ≥ 18000 | 36.7 | 56.3 | 56.6 | 56.7 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 |
| ≥ 16000 | 37.2 | 57.1 | 57.5 | 57.5 | 57.7 | 57.7 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 |
| ≥ 14000 | 37.4 | 57.3 | 57.7 | 57.8 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 |
| ≥ 12000 | 38.3 | 58.8 | 59.2 | 59.3 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.8 |
| ≥ 10000 | 38.9 | 60.3 | 60.7 | 60.7 | 60.9 | 61.0 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 |
| ≥ 9000 | 39.9 | 62.4 | 62.8 | 62.9 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 |
| ≥ 8000 | 40.1 | 62.7 | 63.1 | 63.2 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.7 |
| ≥ 7000 | 40.7 | 63.6 | 64.0 | 64.0 | 64.2 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 |
| ≥ 6000 | 41.2 | 64.1 | 64.4 | 64.5 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 |
| ≥ 5000 | 41.5 | 64.8 | 65.2 | 65.2 | 65.4 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 |
| ≥ 4500 | 42.1 | 65.8 | 66.2 | 66.3 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 |
| ≥ 4000 | 42.7 | 67.0 | 67.4 | 67.5 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 68.0 |
| ≥ 3500 | 43.5 | 68.3 | 68.7 | 68.8 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.3 |
| ≥ 3000 | 44.5 | 69.7 | 70.1 | 70.2 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.7 |
| ≥ 2500 | 45.4 | 71.2 | 71.6 | 71.7 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 |
| ≥ 2000 | 46.4 | 73.2 | 73.7 | 73.7 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 |
| ≥ 1800 | 47.5 | 75.8 | 76.3 | 76.4 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 |
| ≥ 1600 | 47.9 | 76.4 | 77.1 | 77.1 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 |
| ≥ 1400 | 48.7 | 78.7 | 79.5 | 79.6 | 79.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.3 |
| ≥ 1200 | 49.6 | 80.7 | 81.7 | 81.8 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 |
| ≥ 1000 | 50.5 | 82.2 | 83.4 | 83.6 | 84.0 | 84.1 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 |
| ≥ 900 | 50.9 | 83.0 | 84.3 | 84.5 | 85.0 | 85.1 | 85.3 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 |
| ≥ 800 | 51.3 | 83.8 | 85.3 | 85.6 | 86.2 | 86.3 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 |
| ≥ 700 | 51.6 | 84.7 | 86.4 | 86.8 | 87.5 | 87.6 | 87.9 | 88.0 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 |
| ≥ 600 | 51.7 | 85.4 | 87.3 | 87.8 | 88.8 | 89.0 | 89.3 | 89.6 | 89.6 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 90.0 |
| ≥ 500 | 52.0 | 85.8 | 88.0 | 88.7 | 90.0 | 90.3 | 90.9 | 91.3 | 91.4 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.9 |
| ≥ 400 | 52.3 | 86.1 | 88.7 | 89.5 | 91.2 | 91.7 | 92.6 | 93.3 | 93.4 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.1 |
| ≥ 300 | 52.0 | 86.3 | 88.9 | 89.9 | 91.9 | 92.6 | 93.8 | 94.9 | 95.2 | 95.8 | 96.1 | 96.2 | 96.2 | 96.2 | 96.4 | 96.7 |
| ≥ 200 | 52.0 | 86.3 | 89.0 | 90.0 | 92.2 | 92.8 | 94.4 | 95.6 | 96.0 | 96.8 | 97.2 | 97.3 | 97.5 | 97.5 | 97.7 | 98.2 |
| ≥ 100 | 52.0 | 86.3 | 89.0 | 90.0 | 92.3 | 92.9 | 94.5 | 95.7 | 96.2 | 97.1 | 97.7 | 97.9 | 98.2 | 98.3 | 98.7 | 99.5 |
| ≥ 0 | 52.0 | 86.3 | 89.0 | 90.0 | 92.3 | 92.9 | 94.5 | 95.7 | 96.2 | 97.1 | 97.7 | 97.9 | 98.3 | 98.4 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6433

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722815
 STATION

LAUGHLIN AFB TX
 STATION NAME

70,73,75-81
 YEARS

FEB
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING | 17.0 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 |
| ≥ 20000 | 17.3 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.2 | 68.2 | 68.2 | 68.2 | 68.4 | 68.4 |
| ≥ 18000 | 17.3 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.2 | 68.2 | 68.2 | 68.2 | 68.4 | 68.4 |
| ≥ 16000 | 17.3 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.2 | 68.2 | 68.2 | 68.2 | 68.4 | 68.4 |
| ≥ 14000 | 17.5 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 |
| ≥ 12000 | 18.0 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 |
| ≥ 10000 | 18.1 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.2 | 71.2 | 71.2 |
| ≥ 9000 | 18.1 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 |
| ≥ 8000 | 18.1 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 |
| ≥ 7000 | 18.6 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 |
| ≥ 6000 | 18.6 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 |
| ≥ 5000 | 18.6 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 |
| ≥ 4500 | 18.6 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 |
| ≥ 4000 | 18.8 | 74.1 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.8 | 74.8 | 74.8 |
| ≥ 3500 | 19.1 | 75.5 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 |
| ≥ 3000 | 19.1 | 75.9 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 |
| ≥ 2500 | 19.6 | 78.9 | 79.6 | 79.7 | 79.9 | 79.9 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 |
| ≥ 2000 | 20.4 | 81.9 | 83.9 | 84.0 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 |
| ≥ 1800 | 20.6 | 82.7 | 84.7 | 84.8 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 |
| ≥ 1500 | 20.6 | 84.3 | 86.5 | 86.7 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 |
| ≥ 1200 | 21.1 | 85.2 | 87.6 | 87.8 | 88.3 | 88.3 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 |
| ≥ 1000 | 21.1 | 86.0 | 88.5 | 88.6 | 89.1 | 89.1 | 89.3 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 |
| ≥ 900 | 21.1 | 86.3 | 89.0 | 89.3 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 |
| ≥ 800 | 21.1 | 87.3 | 90.0 | 90.3 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 |
| ≥ 700 | 21.1 | 87.6 | 90.4 | 90.8 | 91.4 | 91.4 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 |
| ≥ 600 | 21.1 | 88.6 | 91.4 | 91.8 | 92.4 | 92.4 | 92.9 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.4 | 93.4 | 93.4 |
| ≥ 500 | 21.1 | 89.3 | 92.9 | 93.6 | 94.4 | 94.4 | 95.2 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.7 | 95.7 | 95.7 |
| ≥ 400 | 21.1 | 90.1 | 94.2 | 94.9 | 96.2 | 96.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.7 | 97.9 | 97.9 |
| ≥ 300 | 21.1 | 90.3 | 94.4 | 95.1 | 96.7 | 96.7 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 |
| ≥ 200 | 21.1 | 90.3 | 94.4 | 95.2 | 97.0 | 97.0 | 98.4 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 99.0 | 99.3 |
| ≥ 100 | 21.1 | 90.3 | 94.4 | 95.2 | 97.0 | 97.0 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.2 | 100.0 |
| ≥ 0 | 21.1 | 90.3 | 94.4 | 95.2 | 97.0 | 97.0 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 607

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 13.4 | 55.8 | 55.8 | 55.8 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 |
| ≥ 20000 | 14.4 | 57.5 | 57.5 | 57.6 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.3 | 58.3 |
| ≥ 18000 | 14.4 | 57.8 | 57.8 | 58.0 | 58.3 | 58.3 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.6 | 58.6 |
| ≥ 16000 | 14.4 | 57.8 | 57.8 | 58.0 | 58.3 | 58.3 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.6 | 58.6 |
| ≥ 14000 | 14.6 | 59.3 | 59.3 | 59.4 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.1 | 60.1 |
| ≥ 12000 | 15.1 | 60.8 | 60.8 | 60.9 | 61.2 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.6 | 61.6 |
| ≥ 10000 | 15.3 | 61.7 | 61.7 | 61.9 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.6 | 62.6 |
| ≥ 9000 | 15.3 | 61.7 | 61.7 | 61.9 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.6 | 62.6 |
| ≥ 8000 | 15.3 | 61.7 | 61.7 | 61.9 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.6 | 62.6 |
| ≥ 7000 | 15.4 | 62.2 | 62.2 | 62.4 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.1 | 63.1 |
| ≥ 6000 | 15.6 | 62.4 | 62.4 | 62.6 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 |
| ≥ 5000 | 15.8 | 63.2 | 63.2 | 63.4 | 63.7 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 |
| ≥ 4500 | 15.9 | 63.9 | 63.9 | 64.0 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 |
| ≥ 4000 | 15.9 | 63.9 | 63.9 | 64.0 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 |
| ≥ 3500 | 16.1 | 64.4 | 64.4 | 64.5 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.2 |
| ≥ 3000 | 16.3 | 64.5 | 64.5 | 64.7 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 |
| ≥ 2500 | 17.6 | 68.8 | 69.0 | 69.1 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.8 | 69.8 |
| ≥ 2000 | 18.6 | 72.7 | 72.9 | 73.1 | 73.4 | 73.4 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 |
| ≥ 1800 | 18.6 | 73.7 | 74.4 | 74.5 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.2 | 75.2 |
| ≥ 1500 | 19.0 | 76.5 | 77.2 | 77.3 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 78.0 | 78.0 |
| ≥ 1200 | 19.2 | 79.8 | 80.5 | 80.6 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.3 | 81.3 |
| ≥ 1000 | 19.2 | 81.3 | 81.9 | 82.1 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.8 | 82.8 |
| ≥ 900 | 19.2 | 81.9 | 82.8 | 83.1 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.9 | 83.9 |
| ≥ 800 | 19.2 | 83.7 | 84.6 | 84.9 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 |
| ≥ 700 | 19.2 | 84.1 | 85.4 | 85.9 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.7 | 86.7 |
| ≥ 600 | 19.2 | 85.2 | 87.2 | 87.7 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.7 | 88.7 |
| ≥ 500 | 19.2 | 86.0 | 88.2 | 88.7 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 90.0 | 90.0 |
| ≥ 400 | 19.2 | 86.7 | 89.5 | 90.0 | 91.3 | 91.3 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 92.1 | 92.1 |
| ≥ 300 | 19.2 | 86.9 | 91.5 | 91.0 | 92.3 | 92.3 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.1 | 93.1 |
| ≥ 200 | 19.2 | 87.0 | 90.6 | 91.1 | 92.8 | 92.8 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 100 | 19.2 | 87.0 | 90.6 | 91.1 | 92.8 | 92.8 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 0 | 19.2 | 87.0 | 90.6 | 91.1 | 92.8 | 92.8 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |

TOTAL NUMBER OF OBSERVATIONS 609

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72615 LAUGHLIN AFB TX

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6000-0800
HOURS (L.M.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥ 10 | ≥ 8 | ≥ 6 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 0 | ≥ 0 |
| NO CEILING ≥ 20000 | 28.3 | 48.4 | 49.7 | 49.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.4 |
| ≥ 18000 | 30.0 | 52.0 | 52.7 | 52.8 | 53.7 | 53.7 | 53.8 | 54.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.3 |
| ≥ 16000 | 30.2 | 52.5 | 53.2 | 53.3 | 54.2 | 54.2 | 54.3 | 54.4 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.3 |
| ≥ 14000 | 30.7 | 53.6 | 54.3 | 54.4 | 55.3 | 55.3 | 55.4 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.9 |
| ≥ 12000 | 31.4 | 54.7 | 55.4 | 55.6 | 56.4 | 56.4 | 56.5 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 57.0 |
| ≥ 10000 | 31.7 | 55.9 | 56.7 | 56.8 | 57.7 | 57.7 | 57.8 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.3 |
| ≥ 9000 | 31.7 | 55.9 | 56.7 | 56.8 | 57.7 | 57.7 | 57.8 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.3 |
| ≥ 8000 | 31.4 | 56.3 | 57.0 | 57.2 | 58.0 | 58.0 | 58.1 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.6 |
| ≥ 7000 | 32.3 | 57.3 | 58.0 | 58.1 | 59.0 | 59.0 | 59.1 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.6 |
| ≥ 6000 | 33.1 | 57.9 | 58.6 | 58.8 | 59.6 | 59.6 | 59.8 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.2 |
| ≥ 5000 | 33.0 | 58.5 | 59.3 | 59.4 | 60.2 | 60.2 | 60.4 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.7 |
| ≥ 4500 | 34.6 | 59.5 | 60.2 | 60.4 | 61.4 | 61.4 | 61.6 | 61.7 | 61.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.1 |
| ≥ 4000 | 34.7 | 59.8 | 60.6 | 60.7 | 61.9 | 61.9 | 62.1 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.6 |
| ≥ 3500 | 35.4 | 60.5 | 61.4 | 61.5 | 62.8 | 62.8 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.6 |
| ≥ 3000 | 35.3 | 61.2 | 62.1 | 62.3 | 63.7 | 63.7 | 64.0 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.4 |
| ≥ 2500 | 37.0 | 63.3 | 64.2 | 64.4 | 65.8 | 65.8 | 66.0 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.5 |
| ≥ 2000 | 38.0 | 67.0 | 67.9 | 68.1 | 69.5 | 69.5 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 |
| ≥ 1800 | 38.1 | 67.2 | 68.0 | 68.3 | 69.6 | 69.6 | 69.9 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.4 |
| ≥ 1500 | 38.4 | 69.1 | 70.1 | 70.4 | 72.0 | 72.0 | 72.2 | 72.3 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.7 |
| ≥ 1200 | 39.0 | 71.7 | 73.0 | 73.3 | 74.9 | 74.9 | 75.2 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.7 |
| ≥ 1000 | 39.4 | 73.6 | 75.2 | 75.8 | 77.4 | 77.5 | 77.8 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.3 |
| ≥ 900 | 39.8 | 75.2 | 77.0 | 77.7 | 79.5 | 79.8 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.5 |
| ≥ 800 | 40.0 | 75.7 | 77.5 | 78.4 | 80.7 | 81.0 | 81.4 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.9 |
| ≥ 700 | 40.2 | 76.9 | 79.1 | 80.0 | 82.5 | 82.8 | 83.2 | 83.3 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 |
| ≥ 600 | 40.7 | 78.1 | 80.7 | 81.7 | 84.3 | 84.7 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.7 |
| ≥ 500 | 40.7 | 78.6 | 81.6 | 82.7 | 85.9 | 86.3 | 86.8 | 86.9 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.5 |
| ≥ 400 | 40.7 | 78.6 | 81.9 | 83.1 | 86.7 | 87.2 | 88.3 | 88.8 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.5 |
| ≥ 300 | 40.7 | 79.3 | 83.1 | 84.6 | 88.1 | 89.0 | 90.5 | 91.4 | 91.7 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 93.1 |
| ≥ 200 | 40.9 | 79.3 | 83.2 | 84.7 | 88.3 | 89.3 | 91.1 | 92.7 | 93.3 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 95.8 |
| ≥ 100 | 40.9 | 79.3 | 83.2 | 84.7 | 88.4 | 89.4 | 91.4 | 93.3 | 94.0 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 99.1 |
| ≥ 0 | 40.9 | 79.3 | 83.2 | 84.7 | 88.4 | 89.4 | 91.4 | 93.3 | 94.0 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 411

GLOBAL CLIMATOLOGY BRANCH
STAFETAC
AFM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 43.5 | 47.2 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| ≥ 20000 | 46.2 | 50.9 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| IN 18000 | 47.2 | 52.0 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| IN 16000 | 47.5 | 52.3 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| IN 14000 | 48.6 | 53.8 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| IN 12000 | 49.1 | 54.5 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| IN 10000 | 49.5 | 54.9 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| IN 9000 | 49.8 | 55.3 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| IN 8000 | 50.4 | 55.9 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| IN 7000 | 50.9 | 56.4 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| IN 6000 | 51.3 | 56.5 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| IN 5000 | 51.7 | 57.2 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| IN 4500 | 52.8 | 58.3 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| IN 4000 | 53.8 | 59.3 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| IN 3500 | 54.6 | 60.2 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| IN 3000 | 55.7 | 61.4 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| IN 2500 | 57.4 | 63.4 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| IN 2000 | 59.0 | 65.7 | 66.8 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| IN 1800 | 59.4 | 66.7 | 67.8 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| IN 1500 | 61.1 | 69.3 | 70.7 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IN 1200 | 62.6 | 72.1 | 73.7 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| IN 1000 | 64.2 | 75.1 | 76.9 | 77.1 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| IN 900 | 64.9 | 77.1 | 79.2 | 79.9 | 80.6 | 80.7 | 80.7 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| IN 800 | 65.6 | 78.1 | 80.5 | 81.3 | 82.0 | 82.2 | 82.2 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| IN 700 | 66.3 | 78.9 | 81.8 | 82.8 | 84.2 | 84.3 | 84.3 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| IN 600 | 66.7 | 80.0 | 83.5 | 84.7 | 86.5 | 86.6 | 86.9 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| IN 500 | 66.9 | 81.0 | 84.9 | 86.5 | 88.9 | 89.1 | 89.8 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 |
| IN 400 | 67.2 | 81.3 | 85.9 | 87.4 | 90.8 | 91.1 | 92.7 | 93.7 | 93.7 | 93.8 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 |
| IN 300 | 67.3 | 81.7 | 86.3 | 87.9 | 91.6 | 92.0 | 94.3 | 95.8 | 96.0 | 96.4 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 |
| IN 200 | 67.3 | 81.7 | 86.5 | 88.0 | 91.7 | 92.1 | 94.5 | 96.2 | 96.4 | 97.0 | 97.7 | 97.7 | 98.1 | 98.2 | 98.2 | 98.2 |
| IN 100 | 67.3 | 81.7 | 86.5 | 88.0 | 91.7 | 92.1 | 94.5 | 96.3 | 96.5 | 97.1 | 97.8 | 98.0 | 98.7 | 98.9 | 99.3 | 99.5 |
| IN 0 | 67.3 | 81.7 | 86.5 | 88.0 | 91.7 | 92.1 | 94.5 | 96.3 | 96.5 | 97.1 | 97.8 | 98.0 | 98.7 | 98.9 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 835

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.M.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING ≥ 20000 | 54.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 18000 IN 16000 | 58.5 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 14000 IN 12000 | 59.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 12000 IN 10000 | 61.2 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 10000 IN 9000 | 61.9 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 8000 IN 7000 | 62.2 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 6000 IN 5000 | 62.8 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 4500 IN 4000 | 63.5 | 68.3 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 3500 IN 3000 | 64.7 | 69.5 | 69.6 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 2500 IN 2000 | 66.3 | 70.8 | 70.9 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 1800 IN 1500 | 67.3 | 72.7 | 72.8 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 1200 IN 1000 | 68.1 | 73.7 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 900 IN 800 | 68.9 | 74.7 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 700 IN 600 | 70.0 | 76.4 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 500 IN 400 | 73.0 | 80.1 | 80.3 | 80.5 | 80.5 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 300 IN 200 | 73.3 | 80.8 | 81.0 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 100 IN 0 | 74.5 | 83.3 | 84.0 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| | 76.5 | 86.1 | 87.0 | 87.3 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| | 78.3 | 88.3 | 89.3 | 89.8 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| | 78.4 | 88.6 | 90.0 | 90.5 | 91.0 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| | 78.5 | 89.0 | 90.5 | 91.0 | 91.9 | 92.2 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| | 78.8 | 89.4 | 91.1 | 91.9 | 93.0 | 93.2 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| | 79.4 | 91.2 | 93.1 | 94.4 | 96.0 | 96.3 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| | 79.7 | 92.1 | 94.0 | 95.4 | 97.0 | 97.4 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| | 79.7 | 92.3 | 94.2 | 95.7 | 97.7 | 98.2 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| | 79.7 | 92.3 | 94.2 | 95.7 | 97.7 | 98.2 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| | 79.7 | 92.4 | 94.3 | 95.8 | 97.9 | 98.3 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| | 79.7 | 92.4 | 94.3 | 95.8 | 97.9 | 98.3 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| | 79.7 | 92.4 | 94.3 | 95.8 | 97.9 | 98.3 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS 843

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 62.7 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 20000 | 68.9 | 71.8 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 18000 | 69.7 | 72.6 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 16000 | 70.0 | 72.9 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 14000 | 70.8 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 12000 | 71.8 | 75.1 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 10000 | 72.7 | 76.0 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 9000 | 72.9 | 76.3 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 8000 | 74.0 | 77.5 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 7000 | 74.4 | 77.8 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 6000 | 75.0 | 78.4 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 5000 | 76.3 | 79.7 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 4500 | 77.1 | 80.6 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 4000 | 78.3 | 82.0 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 3500 | 78.7 | 82.5 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 3000 | 79.4 | 83.3 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 2500 | 81.0 | 85.1 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 2000 | 83.1 | 87.4 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 |
| ≥ 1800 | 83.2 | 87.5 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.6 |
| ≥ 1500 | 85.0 | 89.9 | 90.8 | 90.9 | 90.9 | 91.1 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 |
| ≥ 1200 | 95.6 | 91.1 | 92.0 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 |
| ≥ 1000 | 86.1 | 91.9 | 93.3 | 93.2 | 93.2 | 93.3 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 |
| ≥ 900 | 86.1 | 92.4 | 93.4 | 93.7 | 93.8 | 93.9 | 94.0 | 94.0 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 |
| ≥ 800 | 86.3 | 92.6 | 93.7 | 93.9 | 94.2 | 94.4 | 94.5 | 94.5 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 |
| ≥ 700 | 86.9 | 93.2 | 94.4 | 94.6 | 95.0 | 95.2 | 95.6 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 |
| ≥ 600 | 87.4 | 94.0 | 95.7 | 95.9 | 96.4 | 96.8 | 97.4 | 97.6 | 97.7 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 |
| ≥ 500 | 87.5 | 94.4 | 96.1 | 96.3 | 96.9 | 97.3 | 97.9 | 98.3 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| ≥ 400 | 87.5 | 94.4 | 96.1 | 96.5 | 97.5 | 97.9 | 98.6 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 |
| ≥ 300 | 87.5 | 94.4 | 96.1 | 96.5 | 97.5 | 97.9 | 98.6 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 87.5 | 94.4 | 96.1 | 96.5 | 97.5 | 97.9 | 98.6 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 87.5 | 94.4 | 96.1 | 96.5 | 97.5 | 97.9 | 98.6 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 87.5 | 94.4 | 96.1 | 96.5 | 97.5 | 97.9 | 98.6 | 99.2 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 44.1 | 64.0 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 20000 | 48.5 | 70.5 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 18000 | 49.1 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 16000 | 49.3 | 71.5 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 14000 | 50.9 | 73.4 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 12000 | 51.2 | 74.3 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 10000 | 52.4 | 76.1 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 9000 | 52.9 | 76.6 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 8000 | 54.0 | 77.8 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 7000 | 54.0 | 77.8 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 6000 | 54.5 | 78.3 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 5000 | 54.5 | 79.0 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 4500 | 55.6 | 79.7 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 4000 | 56.5 | 81.4 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 3500 | 57.3 | 82.0 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 3000 | 58.4 | 83.5 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 2500 | 59.0 | 85.0 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 2000 | 60.2 | 87.1 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 1800 | 60.8 | 87.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 1500 | 62.0 | 90.2 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 1200 | 62.6 | 91.5 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 |
| ≥ 1000 | 62.6 | 92.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.5 | 94.5 | 94.5 |
| ≥ 900 | 62.6 | 92.4 | 93.5 | 93.5 | 93.5 | 93.5 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.7 | 94.7 | 94.7 |
| ≥ 800 | 62.6 | 93.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.6 | 95.6 | 95.6 |
| ≥ 700 | 63.0 | 93.2 | 94.3 | 94.3 | 94.3 | 94.3 | 95.1 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.9 | 95.9 | 95.9 |
| ≥ 600 | 63.3 | 93.5 | 94.5 | 94.5 | 94.5 | 94.5 | 95.5 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.8 | 96.8 | 96.8 |
| ≥ 500 | 63.3 | 93.5 | 94.5 | 94.5 | 94.5 | 94.5 | 95.9 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.2 | 97.2 | 97.2 |
| ≥ 400 | 63.3 | 93.6 | 94.6 | 94.6 | 94.6 | 94.6 | 96.7 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 |
| ≥ 300 | 63.3 | 93.6 | 94.6 | 94.6 | 94.6 | 94.6 | 97.1 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 |
| ≥ 200 | 63.3 | 93.6 | 94.6 | 94.6 | 94.6 | 94.6 | 97.1 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 |
| ≥ 100 | 63.3 | 93.6 | 94.6 | 94.6 | 94.6 | 94.6 | 97.1 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 |
| ≥ 0 | 63.3 | 93.6 | 94.6 | 94.6 | 94.6 | 94.6 | 97.1 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS 752

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.M.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 25.3 | 66.5 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 20000 | 26.2 | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| IV 18000 | 26.2 | 70.9 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| IV 16000 | 26.2 | 70.9 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| IV 14000 | 27.1 | 72.7 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IV 12000 | 27.1 | 72.7 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IV 10000 | 27.3 | 73.1 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| IV 9000 | 27.3 | 73.1 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| IV 8000 | 27.6 | 73.9 | 74.6 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IV 7000 | 28.6 | 75.4 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| IV 6000 | 28.8 | 75.7 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 5000 | 28.8 | 75.8 | 76.5 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 4500 | 28.8 | 77.1 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| IV 4000 | 29.4 | 77.7 | 78.4 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| IV 3500 | 30.8 | 79.5 | 80.2 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 3000 | 30.9 | 80.6 | 81.3 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| IV 2500 | 32.0 | 83.0 | 83.9 | 84.2 | 84.3 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 2000 | 32.8 | 87.4 | 88.7 | 89.0 | 89.3 | 89.3 | 89.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| IV 1800 | 33.1 | 88.0 | 89.4 | 89.7 | 90.0 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| IV 1500 | 33.5 | 89.3 | 90.7 | 90.9 | 91.2 | 91.2 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| IV 1200 | 33.7 | 90.1 | 91.5 | 92.0 | 92.3 | 92.3 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 1000 | 33.7 | 90.7 | 92.0 | 92.4 | 92.9 | 92.9 | 92.9 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 |
| IV 900 | 33.8 | 91.1 | 92.6 | 93.1 | 93.4 | 93.4 | 93.4 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 |
| IV 800 | 33.9 | 91.5 | 93.0 | 93.5 | 93.8 | 93.8 | 93.8 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 |
| IV 700 | 33.9 | 91.6 | 93.1 | 93.7 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 |
| IV 600 | 34.3 | 92.2 | 93.7 | 94.2 | 95.2 | 95.2 | 95.2 | 95.6 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 |
| IV 500 | 34.3 | 92.3 | 93.8 | 94.4 | 95.3 | 95.3 | 95.3 | 95.7 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 |
| IV 400 | 34.3 | 92.7 | 94.4 | 95.5 | 96.4 | 96.4 | 96.4 | 97.1 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 |
| IV 300 | 34.3 | 92.7 | 94.5 | 95.6 | 97.5 | 97.5 | 97.5 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 |
| IV 200 | 34.3 | 92.7 | 94.5 | 95.6 | 97.5 | 97.5 | 97.5 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 99.2 | 99.2 | 99.5 |
| IV 100 | 34.3 | 92.7 | 94.5 | 95.6 | 97.5 | 97.5 | 97.5 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 99.2 | 99.2 | 99.7 |
| IV 0 | 34.3 | 92.7 | 94.5 | 95.6 | 97.5 | 97.5 | 97.5 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 99.2 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 728

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.G.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 37.7 | 58.1 | 58.4 | 58.4 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 |
| ≥ 20000 | 40.6 | 62.7 | 63.0 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 |
| ≥ 18000 | 41.0 | 63.3 | 63.6 | 63.7 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 |
| ≥ 16000 | 41.2 | 63.5 | 63.8 | 63.9 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 |
| ≥ 14000 | 42.0 | 64.7 | 65.1 | 65.1 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 12000 | 42.6 | 65.8 | 66.2 | 66.2 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 |
| ≥ 10000 | 43.1 | 66.7 | 67.1 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 9000 | 43.3 | 67.0 | 67.3 | 67.4 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 |
| ≥ 8000 | 43.8 | 67.7 | 68.1 | 68.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.5 |
| ≥ 7000 | 44.2 | 68.3 | 68.7 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 6000 | 44.6 | 68.7 | 69.1 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 5000 | 45.2 | 69.5 | 69.9 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 |
| ≥ 4500 | 45.9 | 70.4 | 70.8 | 70.9 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 |
| ≥ 4000 | 46.6 | 71.3 | 71.8 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 3500 | 47.3 | 72.3 | 72.8 | 72.9 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 3000 | 47.8 | 73.2 | 73.7 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 |
| ≥ 2500 | 49.0 | 75.4 | 76.0 | 76.2 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 |
| ≥ 2000 | 50.5 | 78.5 | 79.4 | 79.6 | 79.9 | 79.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 |
| ≥ 1800 | 50.8 | 79.1 | 80.1 | 80.3 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 1500 | 51.7 | 81.4 | 82.5 | 82.7 | 83.0 | 83.0 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 |
| ≥ 1200 | 52.5 | 83.3 | 84.6 | 84.9 | 85.3 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.7 |
| ≥ 1000 | 53.1 | 84.8 | 86.2 | 86.6 | 87.0 | 87.1 | 87.2 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 |
| ≥ 900 | 53.3 | 85.6 | 87.1 | 87.6 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.8 |
| ≥ 800 | 53.5 | 86.3 | 87.9 | 88.4 | 89.2 | 89.3 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.9 |
| ≥ 700 | 53.8 | 86.8 | 88.7 | 89.3 | 90.2 | 90.4 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 91.0 |
| ≥ 600 | 54.1 | 87.8 | 90.0 | 90.7 | 91.8 | 92.0 | 92.4 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 93.0 |
| ≥ 500 | 54.2 | 88.4 | 90.7 | 91.5 | 93.0 | 93.2 | 93.7 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.4 |
| ≥ 400 | 54.3 | 88.7 | 91.3 | 92.3 | 94.2 | 94.4 | 95.1 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.2 | 96.2 | 96.3 |
| ≥ 300 | 54.3 | 88.8 | 91.6 | 92.7 | 94.8 | 95.1 | 96.3 | 97.0 | 97.2 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 | 97.8 | 98.0 |
| ≥ 200 | 54.3 | 88.9 | 91.7 | 92.8 | 94.9 | 95.3 | 96.5 | 97.4 | 97.6 | 97.9 | 98.2 | 98.2 | 98.5 | 98.6 | 98.8 | 98.8 |
| ≥ 100 | 54.3 | 88.9 | 91.7 | 92.8 | 95.0 | 95.3 | 96.6 | 97.6 | 97.8 | 98.2 | 98.5 | 98.5 | 98.9 | 99.0 | 99.5 | 99.8 |
| ≥ 0 | 54.3 | 88.9 | 91.7 | 92.8 | 95.0 | 95.3 | 96.6 | 97.6 | 97.8 | 98.2 | 98.5 | 98.5 | 98.9 | 99.1 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73,75-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING | 15.6 | 64.9 | 65.1 | 65.5 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 20000 | 16.5 | 70.4 | 70.5 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 18000 | 16.5 | 71.1 | 71.2 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 16000 | 16.5 | 71.1 | 71.2 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 14000 | 16.7 | 72.5 | 72.7 | 73.1 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| IV 12000 | 17.1 | 74.1 | 74.2 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IV 10000 | 17.5 | 75.3 | 75.5 | 75.9 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 9000 | 17.5 | 75.3 | 75.5 | 75.9 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 8000 | 17.8 | 75.7 | 75.9 | 76.3 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 7000 | 17.8 | 76.2 | 76.3 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| IV 6000 | 17.8 | 76.6 | 76.7 | 77.3 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| IV 5000 | 17.8 | 77.3 | 77.4 | 78.0 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| IV 4500 | 17.8 | 78.7 | 78.8 | 79.4 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 4000 | 18.1 | 79.5 | 79.7 | 80.2 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| IV 3500 | 18.1 | 80.6 | 80.8 | 81.3 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| IV 3000 | 18.5 | 82.5 | 82.6 | 83.2 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| IV 2500 | 18.9 | 84.7 | 85.0 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 2000 | 19.1 | 86.3 | 86.5 | 87.1 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| IV 1800 | 19.1 | 86.4 | 86.7 | 87.2 | 87.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 1500 | 19.1 | 88.1 | 88.4 | 89.1 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| IV 1200 | 19.1 | 89.5 | 89.8 | 90.6 | 91.3 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| IV 1000 | 19.2 | 91.4 | 91.9 | 92.7 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 900 | 19.2 | 92.4 | 93.0 | 93.8 | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IV 800 | 19.4 | 92.6 | 93.1 | 94.0 | 94.7 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| IV 700 | 19.4 | 93.1 | 93.7 | 94.5 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 600 | 19.4 | 93.4 | 94.0 | 94.8 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 500 | 19.4 | 93.7 | 94.2 | 95.4 | 96.5 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 400 | 19.4 | 93.7 | 94.2 | 95.4 | 96.5 | 96.8 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 300 | 19.4 | 93.7 | 94.2 | 95.5 | 97.1 | 97.5 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 200 | 19.4 | 93.7 | 94.2 | 95.7 | 97.5 | 97.9 | 98.5 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 100 | 19.4 | 93.7 | 94.2 | 95.7 | 97.5 | 97.9 | 98.5 | 98.9 | 98.9 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 19.4 | 93.7 | 94.2 | 95.7 | 97.5 | 97.9 | 98.5 | 98.9 | 98.9 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING ≥ 20000 | 11.2 | 53.7 | 54.0 | 54.7 | 54.7 | 54.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 18000 | 12.6 | 59.5 | 59.8 | 60.5 | 60.5 | 60.6 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 16000 | 13.7 | 60.5 | 60.8 | 61.5 | 61.5 | 61.6 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 14000 | 13.0 | 60.5 | 60.8 | 61.5 | 61.5 | 61.6 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 12000 | 13.3 | 62.2 | 62.4 | 63.1 | 63.1 | 63.3 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 10000 | 13.3 | 62.6 | 62.8 | 63.5 | 63.5 | 63.7 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 9000 | 14.0 | 63.7 | 64.0 | 64.6 | 64.6 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 8000 | 14.1 | 64.5 | 64.8 | 65.5 | 65.5 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 7000 | 14.1 | 64.5 | 64.8 | 65.5 | 65.5 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 6000 | 14.1 | 64.9 | 65.2 | 65.9 | 65.9 | 66.0 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 5000 | 14.1 | 66.2 | 66.4 | 67.1 | 67.1 | 67.3 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 4500 | 14.1 | 67.1 | 67.4 | 68.1 | 68.1 | 68.2 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 4000 | 14.1 | 67.7 | 68.0 | 68.6 | 68.6 | 68.8 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 3500 | 14.2 | 68.5 | 68.8 | 69.5 | 69.5 | 69.6 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 3000 | 14.4 | 68.9 | 69.2 | 69.9 | 69.9 | 70.0 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 2500 | 14.4 | 69.9 | 70.2 | 70.9 | 70.9 | 71.1 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 2000 | 14.5 | 72.8 | 73.6 | 74.3 | 74.3 | 74.6 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 1800 | 14.5 | 73.8 | 74.6 | 75.3 | 75.3 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 1500 | 15.2 | 78.6 | 79.4 | 80.1 | 80.1 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 1200 | 15.7 | 82.6 | 83.8 | 84.5 | 84.5 | 84.8 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 1000 | 16.3 | 84.8 | 86.2 | 87.2 | 87.3 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 900 | 16.4 | 85.4 | 86.7 | 87.7 | 88.1 | 88.4 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 800 | 16.4 | 86.0 | 87.4 | 88.7 | 89.8 | 89.9 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 700 | 16.6 | 86.5 | 88.4 | 89.6 | 90.6 | 90.9 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 600 | 16.6 | 87.3 | 89.2 | 90.5 | 91.6 | 91.9 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 500 | 16.6 | 87.8 | 89.9 | 91.2 | 92.4 | 92.7 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 400 | 16.6 | 88.1 | 90.8 | 91.9 | 93.4 | 93.8 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 300 | 16.6 | 88.5 | 91.2 | 92.4 | 94.3 | 94.9 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 200 | 16.6 | 89.0 | 91.9 | 93.2 | 95.4 | 96.0 | 98.2 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 100 | 16.6 | 89.0 | 91.9 | 93.2 | 95.6 | 96.1 | 98.6 | 98.6 | 98.6 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 0 | 16.6 | 89.0 | 91.9 | 93.2 | 95.6 | 96.1 | 98.6 | 98.6 | 98.6 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 724

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAD
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0600
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 30.9 | 47.0 | 47.8 | 48.1 | 48.6 | 48.7 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 | 49.2 | 49.6 | 49.6 | 49.6 | 49.7 |
| ≥ 20000 | 33.3 | 50.9 | 51.7 | 52.0 | 52.8 | 52.9 | 53.3 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.8 | 53.8 | 53.8 | 53.9 |
| IN 18000 | 34.0 | 52.0 | 52.8 | 53.1 | 53.9 | 54.0 | 54.4 | 54.4 | 54.4 | 54.4 | 54.6 | 54.6 | 54.9 | 54.9 | 54.9 | 55.0 |
| IN 16000 | 34.1 | 52.1 | 52.9 | 53.2 | 54.0 | 54.1 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 | 55.0 | 55.0 | 55.0 | 55.1 |
| IN 14000 | 35.3 | 53.8 | 54.7 | 55.0 | 55.8 | 55.9 | 56.3 | 56.3 | 56.3 | 56.3 | 56.4 | 56.4 | 56.8 | 56.8 | 56.8 | 56.9 |
| IN 12000 | 35.9 | 54.7 | 55.7 | 56.0 | 56.8 | 56.9 | 57.3 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 | 57.8 | 57.8 | 57.8 | 57.9 |
| IN 10000 | 36.6 | 55.8 | 56.9 | 57.2 | 58.0 | 58.1 | 58.6 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 59.0 | 59.0 | 59.0 | 59.1 |
| IN 9000 | 36.9 | 56.3 | 57.4 | 57.8 | 58.6 | 58.7 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.6 | 59.6 | 59.6 | 59.7 |
| IN 8000 | 37.2 | 56.9 | 58.0 | 58.3 | 59.1 | 59.2 | 59.7 | 59.7 | 59.7 | 59.7 | 59.8 | 59.8 | 60.1 | 60.1 | 60.1 | 60.2 |
| IN 7000 | 37.7 | 57.4 | 58.6 | 58.9 | 59.7 | 59.8 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.7 | 60.7 | 60.7 | 60.8 |
| IN 6000 | 37.9 | 57.8 | 59.0 | 59.3 | 60.1 | 60.2 | 60.7 | 60.7 | 60.7 | 60.7 | 60.8 | 60.8 | 61.1 | 61.1 | 61.1 | 61.2 |
| IN 5000 | 38.3 | 58.4 | 59.7 | 60.0 | 60.8 | 60.9 | 61.3 | 61.3 | 61.3 | 61.3 | 61.4 | 61.4 | 61.8 | 61.8 | 61.8 | 61.9 |
| IN 4500 | 39.0 | 59.7 | 60.9 | 61.2 | 62.0 | 62.1 | 62.6 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 63.0 | 63.0 | 63.0 | 63.1 |
| IN 4000 | 39.3 | 60.1 | 61.3 | 61.7 | 62.4 | 62.6 | 63.0 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.4 | 63.4 | 63.4 | 63.6 |
| IN 3500 | 39.9 | 61.2 | 62.4 | 62.8 | 63.6 | 63.7 | 64.1 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 | 64.6 | 64.6 | 64.6 | 64.7 |
| IN 3000 | 40.3 | 62.0 | 63.2 | 63.6 | 64.3 | 64.4 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 | 65.3 | 65.3 | 65.3 | 65.4 |
| IN 2500 | 40.8 | 63.4 | 64.7 | 65.0 | 65.8 | 65.9 | 66.4 | 66.4 | 66.4 | 66.4 | 66.6 | 66.6 | 66.9 | 66.9 | 66.9 | 67.0 |
| IN 2000 | 41.2 | 65.4 | 66.8 | 67.2 | 68.0 | 68.1 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 69.2 | 69.2 | 69.2 | 69.3 |
| IN 1800 | 41.7 | 66.7 | 68.0 | 68.4 | 69.3 | 69.4 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.6 | 70.6 | 70.6 | 70.7 |
| IN 1500 | 43.2 | 70.3 | 72.0 | 72.8 | 73.7 | 73.8 | 74.6 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 75.0 | 75.0 | 75.0 | 75.1 |
| IN 1200 | 44.8 | 74.1 | 76.3 | 77.1 | 78.0 | 78.1 | 78.9 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.6 | 79.6 | 79.6 | 79.7 |
| IN 1000 | 45.8 | 76.4 | 78.8 | 79.6 | 80.8 | 81.0 | 81.9 | 82.0 | 82.1 | 82.1 | 82.2 | 82.2 | 82.6 | 82.6 | 82.6 | 82.7 |
| IN 900 | 46.2 | 77.7 | 80.0 | 81.3 | 82.9 | 83.1 | 84.0 | 84.3 | 84.4 | 84.4 | 84.6 | 84.6 | 84.9 | 84.9 | 84.9 | 85.0 |
| IN 800 | 46.3 | 78.2 | 81.2 | 82.6 | 84.2 | 84.4 | 85.3 | 85.7 | 85.8 | 85.9 | 86.0 | 86.0 | 86.3 | 86.3 | 86.3 | 86.4 |
| IN 700 | 46.6 | 79.3 | 82.7 | 84.1 | 85.9 | 86.2 | 87.1 | 87.4 | 87.6 | 87.7 | 87.8 | 87.8 | 88.1 | 88.1 | 88.1 | 88.2 |
| IN 600 | 46.8 | 80.1 | 83.7 | 85.2 | 87.2 | 87.6 | 88.7 | 89.2 | 89.3 | 89.4 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 90.0 |
| IN 500 | 46.9 | 80.3 | 84.4 | 86.0 | 88.1 | 88.7 | 89.9 | 90.6 | 90.8 | 90.9 | 91.0 | 91.0 | 91.3 | 91.3 | 91.3 | 91.4 |
| IN 400 | 47.1 | 81.0 | 85.6 | 87.3 | 89.9 | 90.6 | 92.3 | 93.2 | 93.4 | 93.9 | 94.1 | 94.1 | 94.6 | 94.6 | 94.6 | 94.7 |
| IN 300 | 47.2 | 81.4 | 86.0 | 87.8 | 90.8 | 92.0 | 93.9 | 95.0 | 95.4 | 96.1 | 96.4 | 96.4 | 97.0 | 97.0 | 97.1 | 97.2 |
| IN 200 | 47.2 | 81.4 | 86.0 | 87.8 | 91.1 | 92.3 | 94.4 | 95.9 | 96.4 | 97.2 | 97.9 | 97.9 | 98.6 | 98.6 | 98.7 | 98.8 |
| IN 100 | 47.2 | 81.4 | 86.0 | 87.8 | 91.2 | 92.4 | 94.7 | 96.1 | 96.7 | 97.7 | 98.6 | 98.6 | 99.2 | 99.3 | 99.6 | 99.7 |
| IN 0 | 47.2 | 81.4 | 86.0 | 87.8 | 91.2 | 92.4 | 94.7 | 96.1 | 96.7 | 97.8 | 98.7 | 98.7 | 99.3 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722415
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ |
| NO CEILING | 45.5 | 48.6 | 49.3 | 49.6 | 49.6 | 49.7 | 49.7 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 20000 | 49.3 | 53.5 | 54.4 | 54.7 | 54.8 | 54.9 | 54.9 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 18000 | 50.3 | 53.8 | 54.7 | 55.0 | 55.1 | 55.2 | 55.2 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 16000 | 50.6 | 54.2 | 55.0 | 55.4 | 55.5 | 55.6 | 55.6 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| ≥ 14000 | 51.8 | 56.0 | 56.9 | 57.2 | 57.3 | 57.4 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 12000 | 53.1 | 57.8 | 58.7 | 59.0 | 59.1 | 59.2 | 59.2 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 10000 | 54.4 | 59.2 | 60.1 | 60.4 | 60.5 | 60.6 | 60.6 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 9000 | 54.4 | 59.5 | 60.3 | 60.6 | 60.8 | 60.9 | 60.9 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 8000 | 54.8 | 60.0 | 60.9 | 61.2 | 61.3 | 61.4 | 61.4 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 7000 | 55.1 | 60.3 | 61.3 | 61.7 | 61.8 | 61.9 | 61.9 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 6000 | 55.9 | 61.1 | 62.3 | 62.8 | 62.9 | 63.0 | 63.0 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 5000 | 56.6 | 61.8 | 63.0 | 63.6 | 63.7 | 63.8 | 63.8 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 4500 | 57.2 | 62.6 | 63.8 | 64.3 | 64.4 | 64.5 | 64.5 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 4000 | 57.4 | 62.8 | 64.0 | 64.5 | 64.6 | 64.8 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 3500 | 58.3 | 63.7 | 64.9 | 65.4 | 65.5 | 65.6 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 3000 | 58.9 | 64.3 | 65.5 | 66.1 | 66.2 | 66.3 | 66.3 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 2500 | 60.1 | 65.5 | 66.7 | 67.2 | 67.4 | 67.5 | 67.5 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 2000 | 62.2 | 68.9 | 70.1 | 70.6 | 70.7 | 70.8 | 71.0 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 1800 | 63.1 | 69.9 | 71.2 | 71.8 | 71.9 | 72.0 | 72.2 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 1500 | 66.2 | 74.5 | 75.9 | 76.5 | 76.6 | 76.9 | 77.1 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 1200 | 69.3 | 79.0 | 80.6 | 81.4 | 81.6 | 81.9 | 82.2 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 1000 | 70.7 | 81.2 | 83.1 | 84.2 | 84.6 | 85.0 | 85.2 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 900 | 71.4 | 82.9 | 85.2 | 86.3 | 86.9 | 87.1 | 87.4 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 800 | 71.7 | 83.9 | 86.5 | 87.7 | 88.6 | 89.0 | 89.3 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 700 | 72.2 | 85.0 | 87.9 | 89.1 | 90.4 | 90.7 | 91.1 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 600 | 72.2 | 85.7 | 89.0 | 90.4 | 92.1 | 92.4 | 93.0 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 500 | 72.4 | 86.5 | 89.9 | 91.5 | 93.6 | 94.2 | 94.7 | 95.5 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 400 | 72.4 | 86.5 | 90.3 | 91.9 | 94.4 | 95.0 | 95.9 | 97.0 | 97.1 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 300 | 72.5 | 86.6 | 90.4 | 92.0 | 94.8 | 95.7 | 96.6 | 98.1 | 98.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 72.5 | 86.6 | 90.4 | 92.0 | 94.9 | 95.8 | 96.8 | 98.2 | 98.6 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 72.5 | 86.6 | 90.4 | 92.0 | 94.9 | 95.8 | 96.8 | 98.2 | 98.6 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 72.5 | 86.6 | 90.4 | 92.0 | 94.9 | 95.8 | 96.8 | 98.2 | 98.6 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 925

2
GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722415
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1230-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥3/16 | ≥0 |
| NO CEILING ≥ 20000 | 55.7 | 58.2 | 58.4 | 59.4 | 58.5 | 58.5 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 18000 | 65.1 | 68.6 | 68.8 | 68.8 | 68.9 | 68.9 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 16000 | 66.5 | 70.0 | 70.2 | 70.2 | 70.3 | 70.3 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 14000 | 66.9 | 70.4 | 70.6 | 70.6 | 70.8 | 70.8 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 12000 | 67.7 | 71.6 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 10000 | 69.6 | 73.4 | 73.8 | 73.8 | 73.9 | 73.9 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 9000 | 70.3 | 74.2 | 74.5 | 74.5 | 74.6 | 74.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 8000 | 70.3 | 74.2 | 74.5 | 74.5 | 74.6 | 74.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 7000 | 71.0 | 74.9 | 75.3 | 75.3 | 75.4 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 6000 | 71.8 | 76.3 | 77.0 | 77.0 | 77.1 | 77.1 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 5000 | 72.6 | 77.2 | 77.8 | 77.8 | 78.0 | 78.0 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 4500 | 73.1 | 77.7 | 78.4 | 78.4 | 78.5 | 78.5 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 4000 | 74.2 | 78.9 | 79.6 | 79.6 | 79.7 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 3500 | 75.1 | 79.9 | 80.5 | 80.5 | 80.6 | 80.6 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 3000 | 76.7 | 81.9 | 82.6 | 82.6 | 82.7 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 2500 | 77.6 | 83.2 | 83.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 2000 | 80.0 | 86.2 | 86.9 | 86.9 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 1800 | 80.6 | 87.2 | 87.8 | 87.8 | 88.0 | 88.0 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 1500 | 82.7 | 91.0 | 91.6 | 91.6 | 91.8 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 1200 | 83.3 | 93.5 | 94.2 | 94.4 | 94.5 | 94.5 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1000 | 83.7 | 94.3 | 94.9 | 95.3 | 95.4 | 95.4 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 900 | 84.2 | 94.8 | 95.5 | 95.8 | 95.9 | 95.9 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 800 | 84.3 | 95.5 | 96.2 | 96.6 | 96.7 | 96.7 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 700 | 84.3 | 95.8 | 96.6 | 97.0 | 97.1 | 97.1 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 600 | 84.4 | 96.0 | 96.8 | 97.4 | 97.7 | 97.8 | 98.2 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 84.4 | 96.1 | 96.9 | 97.5 | 98.1 | 98.2 | 98.7 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 84.4 | 96.1 | 96.9 | 97.5 | 98.1 | 98.3 | 98.8 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 84.4 | 96.1 | 97.0 | 97.6 | 98.2 | 98.5 | 99.0 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 84.4 | 96.1 | 97.0 | 97.6 | 98.2 | 98.5 | 99.0 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 84.4 | 96.1 | 97.0 | 97.6 | 98.2 | 98.5 | 99.0 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 84.4 | 96.1 | 97.0 | 97.6 | 98.2 | 98.5 | 99.0 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70, 73-81

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|---------|------|---------|---------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 60.0 | 61.0 | 61.1 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 20000 | 75.3 | 77.5 | 77.6 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 18000 | 76.2 | 78.6 | 78.7 | 78.8 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 16000 | 77.0 | 79.4 | 79.5 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 14000 | 78.9 | 81.6 | 81.7 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 12000 | 80.3 | 83.6 | 83.7 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 10000 | 81.9 | 85.2 | 85.3 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 9000 | 81.9 | 85.2 | 85.3 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 8000 | 82.8 | 86.5 | 86.6 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 7000 | 83.0 | 86.9 | 87.0 | 87.1 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 6000 | 83.7 | 87.6 | 87.8 | 87.9 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 5000 | 84.2 | 88.2 | 88.4 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 4500 | 84.3 | 88.3 | 88.6 | 88.7 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 4000 | 85.4 | 89.6 | 89.8 | 90.0 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 3500 | 87.3 | 91.5 | 91.7 | 91.8 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 3000 | 88.1 | 92.5 | 92.8 | 92.9 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 2500 | 89.0 | 93.8 | 94.1 | 94.2 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 2000 | 90.0 | 95.0 | 95.2 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1800 | 90.1 | 95.1 | 95.4 | 95.5 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1500 | 90.4 | 95.6 | 95.8 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1200 | 90.8 | 96.4 | 96.7 | 96.8 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 90.8 | 96.9 | 97.1 | 97.2 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 90.9 | 97.1 | 97.3 | 97.4 | 97.7 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 91.0 | 97.2 | 97.4 | 97.5 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 91.1 | 97.4 | 97.7 | 97.9 | 98.6 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 91.1 | 97.4 | 97.7 | 97.9 | 98.7 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 91.1 | 97.4 | 97.7 | 97.9 | 98.9 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 926

CEILING VERSUS VISIBILITY

| | |
|---------|-----------------|
| 722615 | LAUGHLIN AFB TX |
| STATION | STATION |

| | |
|---------|-----------------|
| 722615 | LAUGHLIN AFB TX |
| STATION | STATION |

| | |
|---------|-----------------|
| 722615 | LAUGHLIN AFB TX |
| STATION | STATION |

72, 73-81

22

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|--|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 | |
| NO CEILING ≥ 20000 | 49.5 | 62.0 | 62.2 | 62.6 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | |
| ≥ 18000 5000 | 60.5 | 76.5 | 76.6 | 77.1 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | |
| ≥ 14000 2000 | 61.7 | 77.8 | 78.1 | 78.5 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | |
| ≥ 10000 9000 | 61.9 | 78.4 | 78.6 | 79.1 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | |
| ≥ 8000 7000 | 62.5 | 80.0 | 80.2 | 80.7 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | |
| ≥ 6000 5000 | 63.6 | 82.4 | 82.7 | 83.2 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | |
| ≥ 4500 4000 | 65.6 | 84.9 | 85.2 | 85.6 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | |
| ≥ 3500 3000 | 65.6 | 85.1 | 85.3 | 85.8 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | |
| ≥ 2500 2000 | 66.5 | 86.5 | 86.7 | 87.2 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | |
| ≥ 1800 1500 | 66.8 | 87.3 | 87.5 | 88.0 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | |
| ≥ 1200 1000 | 67.4 | 88.0 | 88.3 | 88.7 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | |
| ≥ 900 800 | 67.6 | 88.6 | 88.8 | 89.3 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | |
| ≥ 700 600 | 67.9 | 89.0 | 89.2 | 89.7 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | |
| ≥ 500 400 | 69.6 | 89.8 | 90.0 | 90.5 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | |
| ≥ 350 300 | 69.4 | 90.9 | 91.1 | 91.7 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | |
| ≥ 250 200 | 70.2 | 92.4 | 92.6 | 93.2 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | |
| ≥ 180 150 | 71.3 | 94.1 | 94.3 | 94.9 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | |
| ≥ 120 100 | 71.5 | 94.7 | 94.9 | 95.5 | 95.8 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | |
| ≥ 90 80 | 71.5 | 94.7 | 94.9 | 95.5 | 95.8 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | |
| ≥ 70 60 | 71.6 | 94.8 | 95.0 | 95.6 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | |
| ≥ 50 40 | 71.8 | 95.1 | 95.4 | 96.0 | 96.3 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | |
| ≥ 30 20 | 71.9 | 95.5 | 95.8 | 96.4 | 96.8 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | |
| ≥ 15 10 | 71.9 | 95.6 | 96.1 | 96.7 | 97.0 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | |
| ≥ 10 8 | 71.9 | 95.6 | 96.1 | 96.7 | 97.0 | 97.2 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | |
| ≥ 700 600 | 71.9 | 96.1 | 96.6 | 97.2 | 97.5 | 97.6 | 97.7 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | |
| ≥ 500 400 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | |
| ≥ 300 200 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.5 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | |
| ≥ 100 0 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| ≥ 700 600 | 71.9 | 96.1 | 96.6 | 97.2 | 97.5 | 97.6 | 97.7 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | |
| ≥ 500 400 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | |
| ≥ 300 200 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| ≥ 100 0 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| ≥ 700 600 | 71.9 | 96.1 | 96.6 | 97.2 | 97.5 | 97.6 | 97.7 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | |
| ≥ 500 400 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | |
| ≥ 300 200 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| ≥ 100 0 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| ≥ 700 600 | 71.9 | 96.1 | 96.6 | 97.2 | 97.5 | 97.6 | 97.7 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | |
| ≥ 500 400 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | |
| ≥ 300 200 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| ≥ 100 0 | 71.9 | 96.1 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |

TOTAL NUMBER OF OBSERVATIONS 843

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

102615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
YEARS

44
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 1/16 | ≥ 1/32 |
| NO CEILING | 29.5 | 69.7 | 69.9 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 20000 | 31.5 | 76.5 | 76.7 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 18000 | 32.4 | 77.7 | 77.9 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 16000 | 32.4 | 78.1 | 78.3 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 14000 | 32.7 | 79.8 | 80.0 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 12000 | 33.5 | 82.0 | 82.2 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 10000 | 33.7 | 83.3 | 83.5 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 9000 | 33.7 | 83.3 | 83.5 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 8000 | 34.3 | 84.0 | 84.2 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 7000 | 34.6 | 84.8 | 85.1 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 6000 | 34.6 | 85.1 | 85.3 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 5000 | 34.6 | 85.7 | 85.9 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 4500 | 34.6 | 86.4 | 86.6 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 4000 | 35.7 | 87.0 | 87.2 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 3500 | 35.7 | 88.8 | 89.1 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 3000 | 36.6 | 90.9 | 91.2 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 2500 | 36.9 | 92.7 | 93.1 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2000 | 37.2 | 93.4 | 93.8 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1800 | 37.2 | 93.4 | 93.8 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1500 | 37.3 | 94.0 | 94.5 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1200 | 37.3 | 94.1 | 94.6 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1000 | 37.3 | 94.3 | 94.7 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 900 | 37.5 | 95.1 | 95.6 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 800 | 37.5 | 95.3 | 95.8 | 96.7 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 700 | 37.5 | 95.9 | 96.4 | 97.3 | 97.5 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 600 | 37.5 | 96.1 | 96.7 | 97.6 | 97.8 | 97.8 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 500 | 37.6 | 96.3 | 96.9 | 97.8 | 98.1 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 37.6 | 96.3 | 96.9 | 98.1 | 98.4 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 300 | 37.6 | 96.3 | 96.9 | 98.1 | 98.4 | 98.4 | 98.7 | 98.7 | 98.8 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 37.6 | 96.3 | 96.9 | 98.3 | 98.7 | 98.7 | 98.9 | 99.0 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 37.6 | 96.3 | 96.9 | 98.3 | 98.7 | 98.7 | 98.9 | 99.0 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 37.6 | 96.3 | 96.9 | 98.3 | 98.7 | 98.7 | 98.9 | 99.0 | 99.3 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 237

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 722615 LAUGHLIN AFB TX

70,73-81

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH
ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 38.7 | 57.9 | 58.2 | 58.6 | 58.8 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 |
| ≥ 20000 | 44.9 | 66.6 | 66.9 | 67.3 | 67.5 | 67.6 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 |
| ≥ 18000 | 45.6 | 67.6 | 68.0 | 68.3 | 68.6 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 |
| ≥ 16000 | 45.3 | 67.9 | 68.3 | 68.7 | 68.9 | 69.0 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 14000 | 46.7 | 69.6 | 70.0 | 70.4 | 70.6 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 12000 | 47.6 | 71.3 | 71.7 | 72.1 | 72.3 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 10000 | 48.6 | 72.7 | 73.1 | 73.5 | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 |
| ≥ 9000 | 48.7 | 72.8 | 73.2 | 73.6 | 73.8 | 73.9 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 8000 | 49.2 | 73.6 | 74.0 | 74.4 | 74.6 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 7000 | 49.5 | 74.2 | 74.6 | 75.0 | 75.2 | 75.3 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 |
| ≥ 6000 | 49.8 | 74.7 | 75.2 | 75.6 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 |
| ≥ 5000 | 50.2 | 75.4 | 76.0 | 76.4 | 76.6 | 76.7 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 4500 | 51.5 | 76.2 | 76.7 | 77.1 | 77.3 | 77.4 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 |
| ≥ 4000 | 51.0 | 76.9 | 77.4 | 77.9 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 3500 | 51.8 | 78.1 | 78.7 | 79.1 | 79.3 | 79.4 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 3000 | 52.5 | 79.4 | 80.0 | 80.4 | 80.6 | 80.7 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 |
| ≥ 2500 | 53.2 | 80.9 | 81.5 | 81.9 | 82.1 | 82.2 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 |
| ≥ 2000 | 54.1 | 82.8 | 83.5 | 83.9 | 84.2 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 |
| ≥ 1800 | 54.4 | 83.4 | 84.1 | 84.5 | 84.8 | 84.9 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 |
| ≥ 1500 | 55.4 | 85.8 | 86.6 | 87.1 | 87.4 | 87.5 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 |
| ≥ 1200 | 56.3 | 88.1 | 89.0 | 89.5 | 89.9 | 90.0 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 |
| ≥ 1000 | 56.3 | 89.3 | 90.3 | 91.0 | 91.4 | 91.6 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 900 | 57.0 | 90.1 | 91.2 | 91.9 | 92.5 | 92.6 | 92.8 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 800 | 57.1 | 90.5 | 91.7 | 92.5 | 93.2 | 93.4 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 |
| ≥ 700 | 57.3 | 91.1 | 92.5 | 93.4 | 94.1 | 94.3 | 94.6 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 600 | 57.3 | 91.5 | 93.0 | 93.9 | 94.9 | 95.1 | 95.5 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 |
| ≥ 500 | 57.4 | 91.8 | 93.4 | 94.4 | 95.5 | 95.7 | 96.3 | 96.6 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 400 | 57.4 | 91.9 | 93.6 | 94.7 | 96.0 | 96.3 | 97.1 | 97.5 | 97.7 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 300 | 57.4 | 92.0 | 93.8 | 94.9 | 96.3 | 96.8 | 97.6 | 98.2 | 98.4 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 200 | 57.4 | 92.1 | 93.9 | 95.0 | 96.6 | 97.1 | 98.0 | 98.6 | 98.9 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 57.4 | 92.1 | 93.9 | 95.0 | 96.6 | 97.1 | 98.1 | 98.7 | 98.9 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 57.4 | 92.1 | 93.9 | 95.0 | 96.6 | 97.1 | 98.1 | 98.7 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722515
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.M.T.)

| CEILING (FEET) | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 12.9 | 58.7 | 58.9 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 20000 | 13.7 | 65.2 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 18000 | 13.9 | 65.4 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 16000 | 13.7 | 65.4 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 14000 | 13.9 | 66.6 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 12000 | 13.3 | 67.6 | 67.8 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 10000 | 14.1 | 71.7 | 72.2 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 9000 | 14.1 | 71.7 | 72.2 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 8000 | 14.1 | 72.6 | 73.1 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 7000 | 14.3 | 73.2 | 73.6 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 6000 | 14.5 | 73.9 | 74.4 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 5000 | 14.5 | 75.3 | 75.7 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 4500 | 14.5 | 76.1 | 76.6 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 4000 | 14.6 | 76.9 | 77.3 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 3500 | 14.6 | 78.5 | 79.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 3000 | 14.6 | 79.4 | 79.9 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 2500 | 14.6 | 81.8 | 82.4 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 2000 | 14.8 | 85.8 | 86.4 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 1800 | 14.8 | 86.1 | 86.7 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 1500 | 15.1 | 88.9 | 89.6 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 1200 | 15.4 | 92.4 | 93.3 | 93.6 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1000 | 15.4 | 94.0 | 95.0 | 95.8 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 900 | 15.4 | 94.3 | 95.5 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 800 | 15.4 | 94.6 | 95.8 | 96.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 15.4 | 95.3 | 96.6 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 15.4 | 95.9 | 97.4 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 15.4 | 96.2 | 97.8 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 15.4 | 96.2 | 97.8 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 15.4 | 96.2 | 97.8 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 15.4 | 96.2 | 97.8 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 15.4 | 96.2 | 97.8 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0 | 15.4 | 96.2 | 97.8 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 683

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥4 | ≥0 |
| NO CEILING | 10.1 | 47.6 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| ≥ 20000 | 10.3 | 53.0 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| IN 18000 | 10.5 | 53.4 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| IN 16000 | 10.6 | 53.6 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| IN 14000 | 10.6 | 54.3 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| IN 12000 | 10.6 | 55.6 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| IN 10000 | 11.1 | 58.9 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| IN 9000 | 11.1 | 59.1 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| IN 8000 | 11.1 | 59.3 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IN 7000 | 11.2 | 59.5 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| IN 6000 | 11.2 | 60.3 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| IN 5000 | 11.2 | 60.6 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| IN 4500 | 11.5 | 62.1 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IN 4000 | 11.5 | 62.2 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| IN 3500 | 11.5 | 62.9 | 63.6 | 63.6 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| IN 3000 | 12.1 | 65.2 | 65.9 | 65.9 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| IN 2500 | 12.4 | 68.1 | 68.8 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| IN 2000 | 12.8 | 72.1 | 72.8 | 72.8 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| IN 1800 | 12.8 | 73.3 | 74.0 | 74.0 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| IN 1500 | 12.8 | 77.7 | 78.4 | 78.4 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| IN 1200 | 13.2 | 81.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| IN 1000 | 13.6 | 85.5 | 86.6 | 86.6 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| IN 900 | 14.2 | 87.4 | 88.6 | 88.8 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| IN 800 | 14.2 | 88.6 | 90.1 | 90.2 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IN 700 | 14.2 | 89.7 | 91.4 | 91.5 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| IN 600 | 14.2 | 91.1 | 92.8 | 93.1 | 94.5 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IN 500 | 14.2 | 91.5 | 94.0 | 94.3 | 96.1 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IN 400 | 14.2 | 92.0 | 94.7 | 95.4 | 97.8 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IN 300 | 14.2 | 92.2 | 95.0 | 95.8 | 98.3 | 98.7 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IN 200 | 14.2 | 92.2 | 95.0 | 95.8 | 98.3 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100 | 14.2 | 92.2 | 95.0 | 95.8 | 98.3 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0 | 14.2 | 92.2 | 95.0 | 95.8 | 98.3 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 696

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ADN WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING ≥ 20000 | 26.0 | 36.6 | 37.4 | 37.5 | 37.8 | 37.9 | 38.0 | 38.0 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 |
| IV 18000 IV 16000 | 30.3 | 43.0 | 44.1 | 44.3 | 44.6 | 44.7 | 44.8 | 44.8 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| IV 14000 IV 12000 | 30.9 | 43.9 | 45.1 | 45.3 | 45.6 | 45.7 | 45.9 | 46.0 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 |
| IV 10000 IV 9500 | 32.3 | 46.4 | 47.7 | 47.9 | 48.3 | 48.4 | 48.5 | 48.7 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 |
| IV 8000 IV 7000 | 33.1 | 47.7 | 49.0 | 49.2 | 49.5 | 49.7 | 49.8 | 50.0 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| IV 6000 IV 5000 | 34.3 | 49.4 | 50.8 | 51.0 | 51.4 | 51.5 | 51.6 | 51.8 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| IV 4500 IV 4000 | 35.1 | 50.6 | 52.0 | 52.2 | 52.5 | 52.6 | 52.8 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| IV 3500 IV 3000 | 36.1 | 52.1 | 53.4 | 53.8 | 54.3 | 54.4 | 54.5 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| IV 2500 IV 2000 | 37.5 | 55.3 | 56.7 | 57.0 | 57.5 | 57.6 | 57.7 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| IV 1800 IV 1500 | 40.0 | 60.0 | 61.6 | 62.0 | 62.4 | 62.5 | 62.6 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| IV 1200 IV 1000 | 43.8 | 70.1 | 72.8 | 73.6 | 74.4 | 74.5 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IV 900 IV 800 | 45.7 | 75.7 | 79.8 | 81.0 | 82.2 | 82.3 | 82.4 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IV 700 IV 600 | 47.7 | 79.1 | 83.7 | 85.4 | 87.2 | 87.4 | 87.7 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 500 IV 400 | 48.3 | 81.1 | 86.2 | 88.3 | 91.1 | 91.4 | 92.0 | 92.5 | 92.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 |
| IV 300 IV 200 | 48.4 | 81.5 | 86.9 | 89.3 | 93.0 | 93.8 | 95.3 | 96.4 | 97.0 | 97.8 | 98.2 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 |
| IV 100 IV 0 | 48.4 | 81.5 | 86.9 | 89.3 | 93.1 | 94.0 | 95.6 | 97.1 | 97.9 | 98.9 | 99.3 | 99.3 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 870

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/10 | ≥1/6 | ≥0 |
| NO CEILING | 38.7 | 41.2 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 |
| ≥ 20000 | 43.2 | 47.3 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 18000 | 43.6 | 47.6 | 48.7 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| ≥ 16000 | 43.7 | 47.7 | 48.2 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| ≥ 14000 | 43.8 | 47.8 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| ≥ 12000 | 44.9 | 48.9 | 49.4 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 10000 | 46.6 | 50.7 | 51.2 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 9000 | 46.8 | 50.9 | 51.4 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 8000 | 47.5 | 51.6 | 52.1 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 7000 | 48.2 | 52.3 | 52.7 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 6000 | 48.6 | 52.7 | 53.2 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 5000 | 48.7 | 52.8 | 53.3 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 4500 | 49.3 | 53.4 | 53.9 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 4000 | 49.9 | 54.4 | 54.9 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 3500 | 50.7 | 55.4 | 55.9 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 3000 | 51.2 | 56.0 | 56.4 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 2500 | 52.7 | 58.4 | 58.9 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 2000 | 55.6 | 63.0 | 63.7 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 1800 | 56.8 | 64.9 | 65.6 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 1500 | 60.9 | 71.8 | 73.0 | 73.5 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 1200 | 64.0 | 78.2 | 79.8 | 80.9 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 1000 | 65.0 | 81.5 | 83.6 | 84.8 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 900 | 65.7 | 83.7 | 86.1 | 87.5 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 800 | 66.1 | 85.5 | 88.3 | 89.7 | 90.5 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 700 | 66.1 | 86.7 | 90.1 | 91.6 | 92.6 | 92.7 | 92.8 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 600 | 66.5 | 87.7 | 91.4 | 93.3 | 94.5 | 95.0 | 95.2 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 500 | 66.6 | 88.2 | 92.2 | 94.1 | 95.5 | 96.0 | 96.3 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 400 | 66.6 | 88.4 | 92.5 | 94.5 | 96.3 | 97.1 | 97.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 66.6 | 88.4 | 92.6 | 94.6 | 96.4 | 97.2 | 97.8 | 99.0 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 66.6 | 88.4 | 92.6 | 94.6 | 96.4 | 97.2 | 97.9 | 99.1 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 66.6 | 88.4 | 92.6 | 94.6 | 96.4 | 97.2 | 97.9 | 99.1 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 66.6 | 88.4 | 92.6 | 94.6 | 96.4 | 97.2 | 97.9 | 99.1 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 895

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

APP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING ≥ 20000 | 49.7 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| IV 18000 | 57.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| IV 16000 | 58.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| IV 14000 | 59.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| IV 12000 | 59.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| IV 10000 | 61.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 9000 | 61.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 8000 | 62.3 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| IV 7000 | 62.8 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| IV 6000 | 63.2 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| IV 5000 | 63.7 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 4500 | 63.9 | 69.4 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| IV 4000 | 65.1 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| IV 3500 | 67.4 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 3000 | 68.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| IV 2500 | 71.2 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| IV 2000 | 73.8 | 84.6 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| IV 1800 | 74.6 | 86.0 | 86.4 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IV 1500 | 77.0 | 90.7 | 91.2 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 1200 | 78.6 | 93.6 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| IV 1000 | 79.2 | 95.2 | 96.0 | 96.4 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 900 | 79.6 | 95.9 | 96.7 | 97.1 | 97.3 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 800 | 79.6 | 96.1 | 97.0 | 97.6 | 97.9 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 700 | 79.7 | 96.4 | 97.3 | 97.9 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 600 | 79.9 | 96.7 | 97.6 | 98.1 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 500 | 80.0 | 96.8 | 97.7 | 98.2 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 400 | 80.0 | 96.8 | 97.7 | 98.2 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 300 | 80.0 | 96.8 | 97.7 | 98.2 | 99.0 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 80.0 | 96.8 | 97.7 | 98.2 | 99.0 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 80.0 | 96.8 | 97.7 | 98.2 | 99.0 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 80.0 | 96.8 | 97.7 | 98.2 | 99.0 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

APP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 52.7 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 20000 | 68.4 | 75.0 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 18000 | 69.3 | 75.9 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 16000 | 69.6 | 76.2 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 14000 | 71.5 | 78.8 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 12000 | 73.5 | 80.9 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 10000 | 75.1 | 82.8 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 9000 | 75.3 | 83.1 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 8000 | 76.0 | 84.0 | 84.7 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 7000 | 76.1 | 84.2 | 84.9 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 6000 | 76.6 | 84.9 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 5000 | 77.4 | 85.9 | 86.6 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 4500 | 78.0 | 86.5 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 4000 | 79.2 | 88.2 | 88.8 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 3500 | 81.5 | 90.9 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 3000 | 82.2 | 92.3 | 93.0 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 2500 | 82.6 | 92.7 | 93.4 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2000 | 83.6 | 94.3 | 95.0 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 83.7 | 94.5 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1500 | 84.8 | 96.0 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1200 | 85.6 | 97.3 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1000 | 85.8 | 97.7 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 85.9 | 97.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 85.9 | 97.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 86.0 | 97.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 86.0 | 97.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 86.0 | 97.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 86.0 | 97.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 86.0 | 97.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 86.0 | 97.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 86.0 | 97.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 0 | 86.0 | 97.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 895

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 43.1 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 20000 | 58.1 | 77.5 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| IN 18000 | 58.8 | 78.7 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| IN 16000 | 58.8 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| IN 14000 | 60.3 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| IN 12000 | 61.6 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| IN 10000 | 63.0 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IN 9000 | 63.0 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IN 8000 | 63.5 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IN 7000 | 64.0 | 88.5 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| IN 6000 | 64.4 | 89.5 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| IN 5000 | 64.4 | 90.0 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IN 4500 | 64.9 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IN 4000 | 65.4 | 91.5 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IN 3500 | 66.1 | 93.0 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IN 3000 | 66.1 | 93.2 | 93.9 | 93.9 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| IN 2500 | 66.6 | 94.6 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IN 2000 | 66.7 | 95.2 | 96.0 | 96.0 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IN 1800 | 66.9 | 95.4 | 96.3 | 96.3 | 96.4 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IN 1500 | 67.6 | 96.8 | 97.7 | 97.7 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IN 1200 | 67.9 | 97.4 | 98.3 | 98.3 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IN 1000 | 67.9 | 97.5 | 98.4 | 98.4 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IN 900 | 67.9 | 97.8 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IN 800 | 68.0 | 97.9 | 99.0 | 99.0 | 99.1 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IN 700 | 68.1 | 98.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 600 | 68.1 | 98.1 | 99.3 | 99.3 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IN 500 | 68.1 | 98.1 | 99.3 | 99.3 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IN 400 | 68.1 | 98.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 300 | 68.1 | 98.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 200 | 68.1 | 98.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100 | 68.1 | 98.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0 | 68.1 | 98.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 22.3 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 20000 | 25.9 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 18000 | 26.2 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 16000 | 26.2 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 14000 | 26.3 | 77.2 | 77.3 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 12000 | 26.3 | 79.0 | 79.1 | 79.1 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 10000 | 26.4 | 81.7 | 81.9 | 81.9 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 9000 | 26.4 | 81.7 | 81.9 | 81.9 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 8000 | 26.5 | 82.2 | 82.4 | 82.4 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 7000 | 27.0 | 83.0 | 83.1 | 83.1 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 6000 | 27.2 | 84.0 | 84.1 | 84.1 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 5000 | 27.2 | 85.0 | 85.1 | 85.1 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 4500 | 27.3 | 86.1 | 86.2 | 86.2 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 4000 | 27.7 | 87.0 | 87.2 | 87.2 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3500 | 27.7 | 88.4 | 88.7 | 88.7 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 3000 | 27.7 | 89.5 | 89.9 | 89.9 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2500 | 28.0 | 91.7 | 92.2 | 92.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2000 | 28.3 | 93.9 | 94.6 | 94.6 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1800 | 28.4 | 94.4 | 95.1 | 95.1 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1500 | 28.7 | 95.0 | 95.7 | 95.7 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 29.3 | 95.7 | 96.6 | 96.6 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 29.7 | 96.5 | 97.4 | 97.4 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 29.9 | 97.2 | 98.1 | 98.4 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 800 | 29.9 | 97.2 | 98.1 | 98.5 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 30.0 | 97.5 | 98.5 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 30.0 | 97.6 | 98.6 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 33.0 | 51.5 | 51.7 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥20000 | 40.1 | 62.1 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| IV 18000 | 40.4 | 62.6 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| IV 16000 | 40.6 | 62.8 | 63.2 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| IV 14000 | 41.3 | 64.3 | 64.7 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| IV 12000 | 42.0 | 65.6 | 66.0 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| IV 10000 | 43.0 | 68.0 | 68.5 | 68.6 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| IV 9000 | 43.1 | 68.1 | 68.6 | 68.7 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| IV 8000 | 43.6 | 68.9 | 69.4 | 69.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| IV 7000 | 44.0 | 69.5 | 70.0 | 70.1 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 6000 | 44.3 | 70.3 | 70.8 | 70.9 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IV 5000 | 44.6 | 70.9 | 71.4 | 71.6 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| IV 4500 | 44.9 | 71.7 | 72.2 | 72.3 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| IV 4000 | 45.5 | 72.7 | 73.2 | 73.4 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| IV 3500 | 46.4 | 74.2 | 74.8 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| IV 3000 | 47.0 | 75.6 | 76.2 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 2500 | 47.8 | 77.8 | 78.4 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| IV 2000 | 49.0 | 80.8 | 81.6 | 81.8 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| IV 1800 | 49.4 | 81.7 | 82.5 | 82.6 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| IV 1500 | 50.9 | 85.2 | 86.1 | 86.3 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| IV 1200 | 52.0 | 88.2 | 89.3 | 89.7 | 90.0 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| IV 1000 | 52.5 | 90.1 | 91.5 | 92.0 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 900 | 52.9 | 91.1 | 92.7 | 93.3 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| IV 800 | 53.1 | 91.8 | 93.5 | 94.2 | 94.7 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| IV 700 | 53.3 | 92.5 | 94.4 | 95.1 | 95.8 | 95.9 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| IV 600 | 53.4 | 93.1 | 95.1 | 95.9 | 96.8 | 96.9 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 500 | 53.5 | 93.3 | 95.5 | 96.3 | 97.4 | 97.5 | 97.8 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 400 | 53.5 | 93.4 | 95.7 | 96.6 | 97.9 | 98.2 | 98.6 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| IV 300 | 53.5 | 93.5 | 95.8 | 96.7 | 98.0 | 98.4 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 200 | 53.5 | 93.5 | 95.8 | 96.7 | 98.1 | 98.4 | 98.9 | 99.3 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 53.5 | 93.5 | 95.8 | 96.7 | 98.1 | 98.4 | 98.9 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 53.5 | 93.5 | 95.8 | 96.7 | 98.1 | 98.4 | 98.9 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6547

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,75-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|-------|--------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 1/2 | ≥2 | ≥1 1/2 | ≥1 1/4 | ≥1 | ≥3/4 | ≥1/2 | ≥1/4 | ≥1/8 | ≥1/16 | ≥0 |
| NO CEILING | 11.3 | 54.7 | 55.6 | 56.3 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 20000 | 11.3 | 64.1 | 65.2 | 66.0 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 18000 | 11.9 | 64.7 | 65.8 | 66.6 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 16000 | 12.1 | 64.9 | 66.0 | 66.7 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 14000 | 12.2 | 65.3 | 66.4 | 67.2 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 12000 | 12.2 | 66.6 | 67.6 | 68.4 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 10000 | 13.0 | 69.2 | 70.2 | 71.1 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 9000 | 13.0 | 69.2 | 70.2 | 71.1 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 8000 | 13.0 | 69.8 | 70.8 | 71.8 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 7000 | 13.0 | 69.8 | 70.8 | 71.8 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 6000 | 13.7 | 70.1 | 71.1 | 72.1 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 5000 | 13.7 | 71.1 | 72.4 | 73.3 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 4500 | 13.7 | 71.9 | 73.1 | 74.0 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 4000 | 13.7 | 72.2 | 73.4 | 74.4 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 3500 | 13.1 | 74.5 | 75.9 | 76.8 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 3000 | 13.3 | 76.5 | 77.9 | 78.8 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 2500 | 13.3 | 79.2 | 80.6 | 81.5 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 2000 | 13.3 | 82.1 | 83.8 | 84.9 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 1800 | 13.3 | 83.1 | 84.7 | 85.8 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 1500 | 13.4 | 87.8 | 90.1 | 91.1 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 1200 | 13.4 | 89.9 | 92.5 | 93.6 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1000 | 13.4 | 91.1 | 94.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 900 | 13.4 | 91.8 | 95.1 | 96.2 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 800 | 13.4 | 92.8 | 96.2 | 97.3 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 700 | 13.4 | 93.4 | 96.8 | 97.9 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 13.4 | 94.0 | 97.4 | 98.5 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 13.4 | 94.0 | 97.4 | 98.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 13.4 | 94.4 | 97.7 | 98.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 13.4 | 94.4 | 97.9 | 98.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 13.4 | 94.4 | 97.9 | 98.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 13.4 | 94.4 | 97.9 | 98.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 13.4 | 94.4 | 97.9 | 98.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 655

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATIONLAUGHLIN AFB TX
STATION NAME70, 75-81
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH
700-750
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/8 | ≥1/16 | ≥1/32 |
| NO CEILING | 12.1 | 39.9 | 40.2 | 41.0 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| ≥ 20000 | 13.2 | 46.2 | 46.4 | 47.4 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 |
| ≥ 18000 | 13.2 | 46.7 | 47.3 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| ≥ 16000 | 13.2 | 46.7 | 47.3 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| ≥ 14000 | 13.2 | 47.0 | 47.3 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| ≥ 12000 | 13.4 | 48.4 | 48.7 | 49.7 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| ≥ 10000 | 13.8 | 50.1 | 50.4 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 9000 | 13.8 | 50.4 | 50.7 | 51.7 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 8000 | 14.2 | 51.1 | 51.4 | 52.4 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 7000 | 14.2 | 51.4 | 51.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 6000 | 14.2 | 52.0 | 52.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| ≥ 5000 | 14.2 | 53.0 | 53.7 | 54.8 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| ≥ 4500 | 14.2 | 53.1 | 54.0 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 4000 | 14.4 | 54.3 | 55.3 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 3500 | 14.5 | 55.3 | 56.3 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 3000 | 14.5 | 57.7 | 58.8 | 60.1 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 2500 | 15.4 | 61.0 | 62.1 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 2000 | 16.2 | 65.8 | 67.4 | 68.7 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 1800 | 16.4 | 67.5 | 69.1 | 70.5 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 1500 | 17.2 | 73.6 | 75.8 | 77.2 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 1200 | 17.8 | 78.9 | 81.8 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 1000 | 18.2 | 82.6 | 86.7 | 87.6 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 900 | 18.4 | 84.3 | 88.2 | 89.7 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 800 | 18.7 | 86.0 | 90.3 | 91.9 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 700 | 18.9 | 87.0 | 91.9 | 93.4 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 600 | 18.9 | 88.0 | 93.2 | 94.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 500 | 18.9 | 88.6 | 94.4 | 96.2 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 400 | 18.9 | 88.7 | 94.7 | 96.6 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 300 | 18.9 | 88.9 | 94.9 | 97.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 200 | 18.9 | 88.9 | 94.9 | 97.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 100 | 18.9 | 88.9 | 94.9 | 97.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 0 | 18.9 | 88.9 | 94.9 | 97.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 702

CLIMATE CLIMATOLOGY BRANCH
 USAF ETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722115
 STATION

LAUGHLIN AFB TX
 STATION NAME

70,73-81
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (L.S.T.)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| ≥ 20000 | 23.6 | 29.0 | 29.8 | 30.0 | 31.2 | 31.3 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 |
| ≥ 18000 | 26.8 | 32.6 | 33.4 | 33.8 | 35.1 | 35.2 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 |
| ≥ 16000 | 27.1 | 33.1 | 33.9 | 34.4 | 35.6 | 35.7 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| ≥ 14000 | 27.9 | 34.5 | 35.3 | 35.7 | 37.0 | 37.1 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 |
| ≥ 12000 | 29.1 | 36.0 | 36.9 | 37.3 | 38.7 | 38.8 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| ≥ 10000 | 30.5 | 38.2 | 39.4 | 39.9 | 41.3 | 41.4 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| ≥ 9000 | 30.9 | 38.5 | 39.6 | 40.2 | 41.5 | 41.6 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| ≥ 8000 | 31.1 | 38.9 | 40.0 | 40.6 | 42.0 | 42.1 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 7000 | 31.4 | 39.3 | 40.4 | 41.0 | 42.3 | 42.4 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 6000 | 32.1 | 40.8 | 42.1 | 42.8 | 44.1 | 44.2 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| ≥ 5000 | 33.1 | 42.1 | 43.3 | 44.0 | 45.4 | 45.5 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| ≥ 4500 | 33.7 | 42.9 | 44.1 | 44.8 | 46.2 | 46.3 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| ≥ 4000 | 34.5 | 44.1 | 45.4 | 46.0 | 47.4 | 47.5 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 |
| ≥ 3500 | 35.3 | 45.8 | 47.1 | 47.7 | 49.1 | 49.2 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| ≥ 3000 | 36.2 | 48.0 | 49.7 | 50.5 | 51.8 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 2500 | 38.1 | 51.2 | 53.3 | 54.2 | 55.8 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 2000 | 40.6 | 55.0 | 57.1 | 58.1 | 60.1 | 60.3 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 1800 | 41.4 | 56.2 | 58.5 | 59.6 | 61.5 | 61.8 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 1500 | 45.4 | 62.8 | 65.3 | 66.6 | 68.9 | 69.2 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 1200 | 47.3 | 67.8 | 70.7 | 72.3 | 75.0 | 75.3 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 1000 | 49.3 | 70.8 | 74.7 | 76.6 | 79.5 | 79.9 | 80.5 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 900 | 50.2 | 73.0 | 77.3 | 79.6 | 82.7 | 83.0 | 83.8 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 800 | 51.0 | 75.5 | 80.7 | 82.6 | 86.2 | 86.5 | 87.3 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 700 | 51.4 | 77.4 | 82.8 | 85.4 | 89.4 | 89.7 | 90.5 | 90.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 600 | 51.5 | 78.2 | 83.7 | 86.8 | 91.2 | 91.5 | 92.3 | 92.6 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 500 | 51.5 | 79.0 | 84.8 | 87.9 | 93.7 | 94.1 | 95.1 | 95.5 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 400 | 51.5 | 79.1 | 85.2 | 88.3 | 94.6 | 95.0 | 96.4 | 97.1 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 300 | 51.5 | 79.1 | 85.2 | 88.3 | 94.6 | 95.5 | 97.2 | 98.1 | 98.4 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 51.5 | 79.1 | 85.2 | 88.3 | 94.8 | 95.6 | 97.4 | 98.3 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 100 | 51.5 | 79.1 | 85.2 | 88.3 | 94.8 | 95.6 | 97.4 | 98.3 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 51.5 | 79.1 | 85.2 | 88.3 | 94.8 | 95.6 | 97.4 | 98.3 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 884

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

720016 LAUGHLIN AFB TX

70,73-91

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

YEAR
MONTH
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 0 | ≥ 0.1 | ≥ 0.2 | ≥ 0.3 | ≥ 0.4 | ≥ 0.5 | ≥ 0.6 | ≥ 0.7 | ≥ 0.8 | ≥ 0.9 | ≥ 1.0 | ≥ 1.5 | ≥ 2.0 | ≥ 2.5 | ≥ 3.0 | ≥ 4.0 |
| NO CEILING | 33.2 | 36.6 | 37.1 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| ≥ 2000 | 38.1 | 41.9 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 1800 | 39.4 | 42.1 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 1600 | 38.4 | 42.1 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 1400 | 38.7 | 42.5 | 43.1 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 |
| ≥ 1200 | 40.7 | 44.3 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 1000 | 41.7 | 45.7 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 900 | 41.5 | 45.0 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 |
| ≥ 800 | 42.3 | 46.7 | 47.3 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| ≥ 700 | 42.4 | 46.8 | 47.4 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 600 | 43.6 | 48.0 | 48.7 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 500 | 44.2 | 48.6 | 49.5 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 450 | 44.5 | 49.0 | 49.8 | 49.9 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 400 | 45.2 | 49.9 | 50.8 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 350 | 46.4 | 52.1 | 53.1 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 300 | 47.9 | 54.3 | 55.3 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 250 | 49.3 | 56.8 | 58.6 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 200 | 53.7 | 63.5 | 65.4 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 1800 | 55.3 | 65.9 | 67.8 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 1600 | 59.5 | 72.7 | 75.7 | 76.2 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 1400 | 63.0 | 79.9 | 83.8 | 84.3 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 1200 | 64.4 | 83.5 | 88.2 | 89.3 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 1000 | 64.8 | 84.6 | 89.7 | 90.8 | 91.3 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 900 | 65.0 | 85.4 | 90.9 | 92.1 | 93.1 | 93.7 | 94.1 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 800 | 65.4 | 86.1 | 91.9 | 93.4 | 94.6 | 95.3 | 95.7 | 95.8 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 700 | 65.4 | 86.3 | 92.2 | 93.9 | 95.3 | 96.0 | 96.4 | 96.7 | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 600 | 65.4 | 86.3 | 92.5 | 94.2 | 96.0 | 96.7 | 97.4 | 97.8 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 500 | 65.4 | 86.3 | 92.5 | 94.2 | 96.1 | 96.9 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 65.4 | 86.3 | 92.5 | 94.2 | 96.1 | 96.9 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 65.4 | 86.3 | 92.5 | 94.2 | 96.1 | 96.9 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 65.4 | 86.3 | 92.5 | 94.2 | 96.1 | 96.9 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 100 | 65.4 | 86.3 | 92.5 | 94.2 | 96.1 | 96.9 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 0 | 65.4 | 86.3 | 92.5 | 94.2 | 96.1 | 96.9 | 97.8 | 98.6 | 98.6 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (1)
APR 82

UNCLASSIFIED

USAFETAC/DS-82/026

SBI-AD-E850 173

NL

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥4 |
| NO CEILING | 48.4 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 20000 | 55.7 | 62.2 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 18000 | 56.2 | 62.7 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 16000 | 56.3 | 62.8 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 14000 | 56.7 | 63.3 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 12000 | 57.7 | 64.5 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 10000 | 59.0 | 66.2 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 9000 | 59.3 | 66.7 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 8000 | 59.8 | 67.2 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 7000 | 60.5 | 67.9 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 6000 | 60.7 | 68.1 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 5000 | 61.5 | 69.6 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 4500 | 62.3 | 70.1 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 4000 | 63.3 | 71.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 3500 | 65.7 | 74.1 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 3000 | 68.8 | 78.6 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 2500 | 71.4 | 83.0 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 2000 | 73.9 | 88.2 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 1800 | 74.7 | 89.3 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1500 | 76.3 | 93.5 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1200 | 77.5 | 95.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 77.7 | 97.0 | 98.4 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 77.7 | 97.1 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 77.7 | 97.1 | 98.6 | 98.7 | 98.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 77.7 | 97.2 | 98.7 | 98.8 | 99.1 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING | 52.7 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 20000 | 70.5 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 18000 | 71.1 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 16000 | 71.3 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 14000 | 72.3 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 12000 | 72.5 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 10000 | 74.1 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 9000 | 74.6 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 8000 | 75.0 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 7000 | 75.3 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 6000 | 75.3 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 5000 | 76.0 | 87.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 4500 | 76.2 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 4000 | 76.6 | 88.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3500 | 78.3 | 90.6 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 3000 | 80.4 | 93.5 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 2500 | 81.6 | 96.4 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2000 | 82.7 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 82.9 | 98.1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1500 | 83.0 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1200 | 83.1 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 83.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 83.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 83.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 83.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 83.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 83.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 83.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 83.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 83.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 83.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 83.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 42.1 | 51.9 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| ≥ 20000 | 59.6 | 77.0 | 77.9 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 18000 | 60.4 | 78.1 | 78.5 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 16000 | 60.7 | 78.5 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 14000 | 61.9 | 80.4 | 80.7 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 12000 | 62.3 | 82.1 | 82.4 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 10000 | 64.1 | 86.0 | 86.5 | 86.8 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 9000 | 64.9 | 87.3 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 8000 | 65.3 | 88.2 | 88.6 | 88.9 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 7000 | 65.3 | 88.3 | 88.6 | 88.9 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 6000 | 65.7 | 88.8 | 89.3 | 89.5 | 89.6 | 89.6 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 5000 | 66.3 | 89.9 | 90.5 | 90.7 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 4500 | 67.0 | 91.0 | 91.6 | 91.9 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 4000 | 67.7 | 92.5 | 93.1 | 93.3 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 3500 | 68.1 | 93.8 | 94.7 | 94.9 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 3000 | 68.6 | 95.3 | 96.4 | 96.7 | 96.9 | 96.9 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 2500 | 69.0 | 96.5 | 97.8 | 98.0 | 98.3 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 2000 | 69.5 | 97.8 | 98.8 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1800 | 69.5 | 97.7 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1500 | 69.6 | 97.8 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1200 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1000 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 69.6 | 97.9 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.O.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 22.8 | 61.4 | 61.8 | 62.2 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 20000 | 25.2 | 76.7 | 77.9 | 77.8 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| NW 18000 | 25.3 | 77.2 | 78.0 | 78.4 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| NW 16000 | 25.7 | 77.6 | 78.4 | 78.7 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| NW 14000 | 25.7 | 78.4 | 79.1 | 79.5 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| NW 12000 | 26.1 | 80.8 | 81.6 | 82.0 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| NW 10000 | 26.9 | 84.2 | 85.0 | 85.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| NW 9000 | 27.2 | 84.7 | 85.5 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| NW 8000 | 27.2 | 84.7 | 85.5 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| NW 7000 | 27.2 | 84.7 | 85.5 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| NW 6000 | 27.4 | 85.3 | 86.0 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| NW 5000 | 27.5 | 86.0 | 86.8 | 87.2 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| NW 4500 | 27.5 | 86.8 | 87.6 | 88.0 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| NW 4000 | 28.2 | 88.7 | 89.4 | 89.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| NW 3500 | 28.3 | 89.6 | 91.0 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| NW 3000 | 28.3 | 91.0 | 92.2 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| NW 2500 | 28.3 | 92.6 | 94.1 | 94.7 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| NW 2000 | 28.6 | 94.5 | 96.0 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| NW 1800 | 28.6 | 95.0 | 96.5 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| NW 1500 | 28.7 | 96.3 | 97.5 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| NW 1200 | 28.7 | 96.3 | 98.2 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| NW 1000 | 28.7 | 97.0 | 98.4 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| NW 900 | 28.7 | 97.1 | 98.6 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| NW 800 | 28.7 | 97.1 | 98.6 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| NW 700 | 28.7 | 97.1 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| NW 600 | 28.7 | 97.1 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| NW 500 | 28.7 | 97.1 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| NW 400 | 28.7 | 97.1 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| NW 300 | 28.7 | 97.1 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| NW 200 | 28.7 | 97.1 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| NW 100 | 28.7 | 97.1 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| NW 0 | 28.7 | 97.1 | 99.0 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 767

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

MAY

Abstract

444

10/10/19

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

| CEILING (FEET) | VISIBILITY - STATUTE MILES- | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING ≥ 70000 | 32.2 39.4 | 47.6 59.5 | 48.2 60.0 | 48.4 60.3 | 48.7 60.6 | 48.7 60.6 | 48.7 60.6 | 48.7 60.6 | 48.7 60.6 | 48.7 60.6 | 48.7 60.6 | 48.7 60.6 | 48.7 60.6 | 48.7 60.6 | 48.7 60.6 | 48.7 60.6 | 48.7 60.6 |
| ≥ 18000 ≥ 16000 | 39.6 39.9 | 60.1 60.3 | 60.6 60.8 | 61.0 61.1 | 61.2 61.3 | 61.3 61.4 | 61.3 61.4 | 61.3 61.4 | 61.3 61.4 | 61.3 61.4 | 61.3 61.4 | 61.3 61.4 | 61.3 61.4 | 61.3 61.4 | 61.3 61.4 | 61.3 61.4 | 61.3 61.4 |
| ≥ 14000 ≥ 12000 | 40.4 41.1 | 61.2 62.0 | 61.7 63.3 | 62.0 63.6 | 62.3 63.9 | 62.3 64.0 | 62.3 64.0 | 62.3 64.0 | 62.3 64.0 | 62.3 64.0 | 62.3 64.0 | 62.3 64.0 | 62.3 64.0 | 62.3 64.0 | 62.3 64.0 | 62.3 64.0 | 62.3 64.0 |
| ≥ 10000 ≥ 9000 | 42.3 42.6 | 65.2 65.6 | 65.8 66.2 | 66.1 66.6 | 66.4 66.9 | 66.4 66.9 | 66.4 66.9 | 66.4 66.9 | 66.4 66.9 | 66.4 66.9 | 66.4 66.9 | 66.4 66.9 | 66.4 66.9 | 66.4 66.9 | 66.4 66.9 | 66.4 66.9 | 66.4 66.9 |
| ≥ 8000 ≥ 7000 | 43.0 43.1 | 66.2 66.6 | 66.8 67.0 | 67.2 67.4 | 67.5 67.7 | 67.5 67.7 | 67.5 67.7 | 67.5 67.7 | 67.5 67.7 | 67.5 67.7 | 67.5 67.7 | 67.5 67.7 | 67.5 67.7 | 67.5 67.7 | 67.5 67.7 | 67.5 67.7 | 67.5 67.7 |
| ≥ 6000 ≥ 5000 | 43.5 44.1 | 67.1 68.2 | 67.7 68.9 | 68.1 69.3 | 68.4 69.7 | 68.4 69.7 | 68.4 69.7 | 68.4 69.7 | 68.4 69.7 | 68.4 69.7 | 68.4 69.7 | 68.4 69.7 | 68.4 69.7 | 68.4 69.7 | 68.4 69.7 | 68.4 69.7 | 68.4 69.7 |
| ≥ 4500 ≥ 4000 | 44.4 45.0 | 68.6 70.0 | 69.9 70.9 | 69.9 71.3 | 70.3 71.8 | 70.3 71.8 | 70.3 71.8 | 70.3 71.8 | 70.3 71.8 | 70.3 71.8 | 70.3 71.8 | 70.3 71.8 | 70.3 71.8 | 70.3 71.8 | 70.3 71.8 | 70.3 71.8 | 70.3 71.8 |
| ≥ 3500 ≥ 3000 | 46.0 47.1 | 71.6 73.2 | 72.7 73.7 | 73.1 74.6 | 73.6 74.8 | 73.9 74.8 | 73.9 74.8 | 73.9 74.8 | 73.9 74.8 | 73.9 74.8 | 73.9 74.8 | 73.9 74.8 | 73.9 74.8 | 73.9 74.8 | 73.9 74.8 | 73.9 74.8 | 73.9 74.8 |
| ≥ 2500 ≥ 2000 | 48.2 49.5 | 77.0 80.8 | 78.2 81.9 | 78.7 82.4 | 79.1 82.9 | 79.1 82.9 | 79.1 82.9 | 79.1 82.9 | 79.1 82.9 | 79.1 82.9 | 79.1 82.9 | 79.1 82.9 | 79.1 82.9 | 79.1 82.9 | 79.1 82.9 | 79.1 82.9 | 79.1 82.9 |
| ≥ 1800 ≥ 1500 | 50.3 51.6 | 81.6 85.3 | 82.9 87.1 | 83.3 87.3 | 83.9 88.2 | 83.9 88.2 | 83.9 88.2 | 83.9 88.2 | 83.9 88.2 | 83.9 88.2 | 83.9 88.2 | 83.9 88.2 | 83.9 88.2 | 83.9 88.2 | 83.9 88.2 | 83.9 88.2 | 83.9 88.2 |
| ≥ 1200 ≥ 1000 | 52.4 53.1 | 88.2 89.9 | 90.3 92.3 | 91.6 93.1 | 91.6 93.9 | 91.7 93.9 | 91.7 93.9 | 91.7 93.9 | 91.7 93.9 | 91.7 93.9 | 91.7 93.9 | 91.7 93.9 | 91.7 93.9 | 91.7 93.9 | 91.7 93.9 | 91.7 93.9 | 91.7 93.9 |
| ≥ 900 ≥ 800 | 53.5 53.7 | 90.6 91.3 | 93.3 94.5 | 94.2 95.6 | 94.9 96.1 | 95.0 96.1 | 95.1 96.1 | 95.1 96.1 | 95.1 96.1 | 95.1 96.1 | 95.1 96.1 | 95.1 96.1 | 95.1 96.1 | 95.1 96.1 | 95.1 96.1 | 95.1 96.1 | 95.1 96.1 |
| ≥ 700 ≥ 600 | 53.8 53.9 | 91.9 92.3 | 94.9 95.3 | 95.6 96.1 | 96.4 97.4 | 97.0 97.6 | 97.3 97.9 | 97.4 98.0 | 97.4 98.0 | 97.4 98.0 | 97.4 98.0 | 97.4 98.0 | 97.4 98.0 | 97.4 98.0 | 97.4 98.0 | 97.4 98.0 | 97.4 98.0 |
| ≥ 500 ≥ 400 | 53.6 53.8 | 92.4 92.6 | 95.6 95.7 | 96.9 96.9 | 98.4 98.3 | 98.7 98.5 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 |
| ≥ 300 ≥ 200 | 53.6 53.8 | 92.4 92.6 | 95.6 95.7 | 96.9 96.9 | 98.4 98.3 | 98.7 98.5 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 |
| ≥ 100 0 | 53.6 53.8 | 92.4 92.6 | 95.6 95.7 | 96.9 96.9 | 98.4 98.3 | 98.7 98.5 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 | 99.2 99.2 |

TOTAL NUMBER OF OBSERVATIONS 636.9

USAF FORM 9-10-6 (Rev. 6-6) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.O.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES: | | | | | | | | | | | | | | | |
|-----------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING ≥ 20000 | 20.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 18000 | 21.5 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 16000 | 21.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 14000 | 21.6 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 12000 | 21.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 10000 | 22.3 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 9000 | 22.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 8000 | 22.3 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 7000 | 22.3 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 6000 | 22.3 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 5000 | 22.3 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 4500 | 22.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 4000 | 22.4 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 3500 | 22.9 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 3000 | 23.4 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 2500 | 23.9 | 93.1 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 2000 | 23.8 | 94.8 | 94.8 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1800 | 23.8 | 95.0 | 95.0 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1500 | 24.3 | 96.9 | 96.9 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1200 | 24.3 | 97.8 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | 24.8 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 24.8 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 24.8 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 24.8 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 24.8 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 24.8 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 24.8 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 24.8 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 24.8 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 24.8 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0 | 24.8 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 18.5 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| ≥ 20000 | 20.7 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 18000 | 21.0 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 16000 | 21.0 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 14000 | 21.0 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 12000 | 21.0 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 10000 | 21.1 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 9000 | 21.1 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 8000 | 21.1 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 7000 | 21.1 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 6000 | 21.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 5000 | 21.1 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 4500 | 21.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 4000 | 21.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 3500 | 21.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 3000 | 22.0 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 2500 | 22.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 2000 | 23.9 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 1800 | 24.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1500 | 26.2 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 1200 | 27.5 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1000 | 28.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 900 | 28.4 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 800 | 28.4 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 700 | 28.4 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 28.4 | 98.1 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 28.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 28.4 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 28.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 28.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 28.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 28.4 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 32.6 | 39.7 | 41.1 | 41.9 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 |
| ≥ 20000 | 35.3 | 43.5 | 45.1 | 45.8 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| IN 18000 | 35.3 | 43.5 | 45.1 | 45.8 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| IN 16000 | 35.6 | 43.8 | 45.5 | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| IN 14000 | 36.0 | 44.2 | 45.8 | 46.5 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 |
| IN 12000 | 37.2 | 45.7 | 47.4 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| IN 10000 | 39.3 | 47.9 | 49.6 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| IN 9000 | 39.3 | 47.9 | 49.6 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| IN 8000 | 39.9 | 48.3 | 50.1 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| IN 7000 | 39.7 | 48.5 | 50.3 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| IN 6000 | 39.9 | 48.7 | 50.4 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| IN 5000 | 40.1 | 48.9 | 50.6 | 51.4 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| IN 4500 | 40.3 | 49.2 | 51.1 | 51.9 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| IN 4000 | 41.1 | 50.2 | 52.1 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| IN 3500 | 42.1 | 51.1 | 53.0 | 53.8 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| IN 3000 | 42.6 | 51.7 | 53.6 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| IN 2500 | 44.2 | 54.4 | 56.5 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| IN 2000 | 47.5 | 60.1 | 62.3 | 63.1 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| IN 1800 | 49.4 | 62.6 | 64.7 | 65.7 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| IN 1500 | 57.3 | 73.0 | 75.1 | 76.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IN 1200 | 62.3 | 80.0 | 82.1 | 83.4 | 83.7 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| IN 1000 | 64.5 | 84.6 | 86.9 | 88.2 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IN 900 | 65.9 | 87.5 | 89.7 | 91.0 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| IN 800 | 66.4 | 89.3 | 91.6 | 93.0 | 94.0 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IN 700 | 66.9 | 90.6 | 93.1 | 94.5 | 95.5 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IN 600 | 67.1 | 91.6 | 94.1 | 95.5 | 96.7 | 96.8 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| IN 500 | 67.1 | 91.7 | 94.5 | 95.9 | 97.2 | 97.3 | 97.8 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IN 400 | 67.1 | 91.8 | 94.6 | 96.1 | 98.2 | 98.4 | 98.8 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IN 300 | 67.1 | 91.8 | 95.0 | 96.6 | 98.5 | 98.6 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IN 200 | 67.1 | 91.8 | 95.0 | 96.6 | 98.5 | 98.6 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IN 100 | 67.1 | 91.8 | 95.0 | 96.6 | 98.5 | 98.6 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IN 0 | 67.1 | 91.8 | 95.0 | 96.6 | 98.5 | 98.6 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 853

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 43.4 | 47.7 | 47.9 | 47.9 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| ≥ 20000 | 47.6 | 52.3 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 18000 | 48.0 | 52.7 | 53.0 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 16000 | 48.4 | 53.4 | 53.6 | 53.6 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 14000 | 49.2 | 54.2 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| ≥ 12000 | 50.6 | 55.7 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 10000 | 52.6 | 57.9 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 9000 | 52.6 | 57.9 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 8000 | 53.3 | 58.8 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 7000 | 53.5 | 59.0 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 6000 | 53.6 | 59.3 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 5000 | 53.8 | 59.6 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 4500 | 53.9 | 59.7 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 4000 | 55.1 | 60.9 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 3500 | 56.8 | 62.6 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 3000 | 58.2 | 64.9 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 2500 | 62.3 | 69.1 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 2000 | 70.3 | 77.7 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 1800 | 72.5 | 80.5 | 80.9 | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 1500 | 79.2 | 89.1 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 1200 | 81.0 | 92.6 | 93.0 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1000 | 82.0 | 94.7 | 95.8 | 95.8 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 900 | 82.4 | 95.4 | 96.4 | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 800 | 82.4 | 95.8 | 97.0 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 700 | 82.4 | 96.5 | 97.6 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 82.4 | 96.6 | 97.8 | 98.1 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 82.4 | 96.6 | 97.8 | 98.1 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 400 | 82.4 | 96.6 | 97.8 | 98.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 82.4 | 96.6 | 97.8 | 98.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 82.4 | 96.6 | 97.8 | 98.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 82.4 | 96.6 | 97.8 | 98.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 0 | 82.4 | 96.6 | 97.8 | 98.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEAR

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY STATUTE MILES: | | | | | | | | | | | | | | | |
|-------------------|---------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 67.4 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 20000 | 72.1 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 18000 | 72.7 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 16000 | 73.4 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 14000 | 74.1 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 12000 | 75.7 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 10000 | 76.9 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 9000 | 76.9 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 8000 | 77.2 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 7000 | 77.3 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 6000 | 77.6 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 5000 | 77.6 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 4500 | 78.0 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 4000 | 78.7 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 3500 | 80.1 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 3000 | 82.7 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 2500 | 85.3 | 93.0 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 2000 | 88.2 | 96.6 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1800 | 88.3 | 96.7 | 97.0 | 97.1 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1500 | 89.0 | 97.8 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 89.4 | 98.4 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 89.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 89.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 89.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 89.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 89.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 89.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 89.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 89.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 89.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 89.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 89.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 73.8 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 20000 | 82.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| IN 18000 | 83.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| IN 16000 | 83.6 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IN 14000 | 84.2 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| IN 12000 | 86.6 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| IN 10000 | 88.1 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| IN 9000 | 88.5 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| IN 8000 | 89.3 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IN 7000 | 89.4 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IN 6000 | 89.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| IN 5000 | 90.1 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| IN 4500 | 90.2 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| IN 4000 | 90.3 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| IN 3500 | 91.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IN 3000 | 93.2 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IN 2500 | 93.9 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IN 2000 | 94.1 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IN 1800 | 94.1 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IN 1500 | 94.6 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IN 1200 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 1000 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 900 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 800 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 700 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 600 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 500 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 400 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 300 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 200 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 100 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 0 | 94.7 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING ≥ 20000 | 65.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| IV 18000 | 82.3 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 16000 | 82.6 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| IV 14000 | 82.9 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| IV 12000 | 83.5 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| IV 10000 | 85.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| IV 9000 | 86.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 8000 | 87.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 7000 | 87.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| IV 6000 | 88.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 5000 | 88.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 4500 | 88.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 4000 | 89.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IV 3500 | 89.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IV 3000 | 90.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 2500 | 90.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 2000 | 90.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 1800 | 90.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 1500 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 900 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 800 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 700 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 600 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 500 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 400 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 300 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 200 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 100 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 0 | 90.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 3/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING ≥ 20000 | 29.0 35.3 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 | 78.7 89.9 |
| ≥ 18000 ≥ 16000 | 35.4 35.4 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 | 90.0 90.0 |
| ≥ 14000 ≥ 12000 | 35.7 36.4 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 | 91.2 93.2 |
| ≥ 10000 ≥ 9000 | 37.1 37.4 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 | 94.4 94.9 |
| ≥ 8000 ≥ 7000 | 37.4 37.4 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 | 94.9 94.9 |
| ≥ 6000 ≥ 5000 | 37.5 38.1 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 | 95.0 95.7 |
| ≥ 4500 ≥ 4000 | 38.1 38.5 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 | 95.9 96.6 |
| ≥ 3500 ≥ 3000 | 38.8 39.1 | 97.5 98.2 | 97.5 98.2 | 97.5 98.2 | 97.6 98.3 | 97.6 98.3 | 97.6 98.3 | 97.6 98.3 | 97.6 98.3 | 97.6 98.3 | 97.6 98.3 | 97.8 98.4 | 97.8 98.4 | 97.8 98.4 | 97.8 98.4 | 97.8 98.4 |
| ≥ 2500 ≥ 2000 | 39.1 39.1 | 98.6 98.7 | 98.6 98.7 | 98.6 98.7 | 98.7 98.8 | 98.7 98.8 | 98.7 98.8 | 98.7 98.8 | 98.7 98.8 | 98.7 98.8 | 98.7 98.8 | 98.8 99.0 | 98.8 99.0 | 98.8 99.0 | 98.8 99.0 | 98.8 99.0 |
| ≥ 1800 ≥ 1500 | 39.1 39.1 | 98.7 98.7 | 98.7 98.7 | 98.7 98.8 | 98.8 99.0 | 98.8 99.0 | 98.8 99.1 | 98.8 99.1 | 98.8 99.1 | 98.8 99.1 | 98.8 99.1 | 99.0 99.2 | 99.0 99.2 | 99.0 99.2 | 99.0 99.2 | 99.0 99.2 |
| ≥ 1200 ≥ 1000 | 39.4 39.4 | 99.0 99.2 | 99.0 99.2 | 99.1 99.3 | 99.2 99.5 | 99.2 99.5 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 | 99.5 99.7 | 99.6 99.9 | 99.6 99.9 | 99.6 99.9 | 99.6 99.9 | 99.6 99.9 |
| ≥ 900 ≥ 800 | 39.4 39.4 | 99.2 99.2 | 99.2 99.2 | 99.3 99.3 | 99.5 99.5 | 99.5 99.5 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 |
| ≥ 700 ≥ 600 | 39.4 39.4 | 99.2 99.2 | 99.2 99.2 | 99.3 99.3 | 99.5 99.5 | 99.5 99.5 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 |
| ≥ 500 ≥ 400 | 39.4 39.4 | 99.2 99.2 | 99.2 99.2 | 99.3 99.3 | 99.5 99.5 | 99.5 99.5 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 |
| ≥ 300 ≥ 200 | 39.4 39.4 | 99.2 99.2 | 99.2 99.2 | 99.3 99.3 | 99.5 99.5 | 99.5 99.5 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 |
| ≥ 100 0 | 39.4 39.4 | 99.2 99.2 | 99.2 99.2 | 99.3 99.3 | 99.5 99.5 | 99.5 99.5 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.7 99.7 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 |

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 3/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 45.8 | 64.8 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 20000 | 51.7 | 72.8 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| IV 18000 | 52.0 | 73.1 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 16000 | 52.3 | 73.5 | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| IV 14000 | 52.8 | 74.2 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 12000 | 54.0 | 75.9 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| IV 10000 | 55.3 | 77.6 | 77.9 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| IV 9000 | 55.5 | 78.1 | 78.3 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 8000 | 55.8 | 78.4 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| IV 7000 | 55.9 | 78.5 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| IV 6000 | 56.0 | 78.7 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| IV 5000 | 56.3 | 79.3 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 4500 | 56.5 | 79.6 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 4000 | 57.0 | 80.4 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| IV 3500 | 57.8 | 81.4 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| IV 3000 | 58.8 | 82.9 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| IV 2500 | 60.1 | 84.9 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| IV 2000 | 62.3 | 88.2 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 1800 | 63.0 | 89.0 | 89.4 | 89.6 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| IV 1500 | 65.4 | 92.8 | 93.3 | 93.4 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IV 1200 | 66.5 | 94.8 | 95.3 | 95.5 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 1000 | 67.1 | 96.3 | 96.8 | 97.1 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 |
| IV 900 | 67.4 | 96.9 | 97.5 | 97.7 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 800 | 67.4 | 97.2 | 97.9 | 98.1 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 |
| IV 700 | 67.5 | 97.6 | 98.2 | 98.5 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 600 | 67.5 | 97.8 | 98.4 | 98.7 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| IV 500 | 67.5 | 97.9 | 98.5 | 98.8 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| IV 400 | 67.5 | 97.9 | 98.6 | 98.9 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| IV 300 | 67.5 | 97.9 | 98.6 | 99.0 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 67.5 | 97.9 | 98.6 | 99.0 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 67.5 | 97.9 | 98.6 | 99.0 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 67.5 | 97.9 | 98.6 | 99.0 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 25.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 20000 | 27.5 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 18000 | 27.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 16000 | 27.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 14000 | 27.5 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 12000 | 28.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 10000 | 28.1 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 9000 | 28.1 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 8000 | 28.1 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 7000 | 28.1 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 6000 | 28.1 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 5000 | 28.1 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 4500 | 28.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 4000 | 28.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 3500 | 28.7 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 3000 | 28.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 2500 | 28.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2000 | 28.7 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1800 | 28.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1500 | 28.7 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1200 | 28.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1000 | 28.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 28.9 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 800 | 28.9 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 28.9 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 28.9 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 28.9 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 28.9 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 28.9 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 28.9 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 28.9 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 28.9 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 565

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,75-81
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING ≥ 20000 | 27.8 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| IN 18000 | 30.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| IN 16000 | 30.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| IN 14000 | 30.4 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| IN 12000 | 30.4 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| IN 10000 | 30.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| IN 9000 | 30.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| IN 8000 | 30.5 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| IN 7000 | 30.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| IN 6000 | 30.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| IN 5000 | 30.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| IN 4500 | 30.5 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IN 4000 | 30.5 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| IN 3500 | 30.7 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| IN 3000 | 31.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| IN 2500 | 31.6 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IN 2000 | 32.2 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| IN 1800 | 32.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| IN 1500 | 33.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| IN 1200 | 33.1 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| IN 1000 | 33.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IN 900 | 33.2 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IN 800 | 33.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IN 700 | 33.2 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IN 600 | 33.2 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IN 500 | 33.2 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IN 400 | 33.2 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IN 300 | 33.2 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IN 200 | 33.2 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IN 100 | 33.2 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IN 0 | 33.2 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 709

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅓ | ≥¼ | ≥0 |
| NO CEILING | 45.4 | 55.8 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 20000 | 46.9 | 58.0 | 58.6 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 18000 | 47.2 | 58.3 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 16000 | 47.2 | 58.3 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 14000 | 47.8 | 59.1 | 59.7 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 12000 | 50.2 | 61.7 | 62.3 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 10000 | 51.1 | 63.1 | 63.7 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 9000 | 51.3 | 63.3 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 8000 | 51.6 | 63.8 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 7000 | 51.6 | 63.9 | 64.5 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 6000 | 51.9 | 64.1 | 64.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 5000 | 52.0 | 64.2 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 4500 | 52.2 | 64.6 | 65.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 4000 | 52.3 | 64.9 | 65.5 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 3500 | 52.4 | 65.0 | 65.6 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 3000 | 52.5 | 65.3 | 65.9 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 2500 | 54.1 | 68.3 | 68.9 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 2000 | 57.3 | 73.2 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 1800 | 59.3 | 75.9 | 76.0 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 1600 | 64.7 | 82.5 | 83.1 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 1400 | 68.4 | 87.5 | 88.2 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 1200 | 71.6 | 92.8 | 93.5 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1000 | 72.5 | 94.9 | 95.6 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 900 | 73.6 | 96.6 | 97.3 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 73.6 | 97.3 | 98.0 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 73.6 | 97.7 | 98.4 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 73.6 | 98.1 | 98.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 73.6 | 98.2 | 99.0 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 73.6 | 98.3 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 73.6 | 98.3 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 73.6 | 98.3 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 73.6 | 98.3 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 73.6 | 98.3 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.G.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥0 | ≥0 |
| NO CEILING | 52.3 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 20000 | 55.9 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| IN 18000 | 56.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| IN 16000 | 56.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| IN 14000 | 57.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| IN 12000 | 59.9 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| IN 10000 | 61.6 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| IN 9000 | 61.6 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| IN 8000 | 61.7 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| IN 7000 | 61.7 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| IN 6000 | 61.8 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| IN 5000 | 61.8 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| IN 4500 | 61.9 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| IN 4000 | 62.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| IN 3500 | 63.5 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| IN 3000 | 65.1 | 71.5 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| IN 2500 | 67.1 | 74.7 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IN 2000 | 72.4 | 80.5 | 80.5 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IN 1800 | 74.3 | 82.6 | 82.6 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| IN 1500 | 80.5 | 90.5 | 90.6 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| IN 1200 | 82.4 | 92.9 | 93.1 | 93.4 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IN 1000 | 84.4 | 96.3 | 96.6 | 96.9 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| IN 900 | 84.5 | 96.5 | 96.8 | 97.4 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IN 800 | 84.6 | 97.3 | 97.6 | 98.3 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IN 700 | 84.9 | 97.5 | 98.0 | 98.6 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IN 600 | 84.9 | 97.7 | 98.0 | 98.8 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IN 500 | 84.9 | 97.7 | 98.0 | 98.8 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IN 400 | 84.9 | 97.7 | 98.0 | 98.8 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IN 300 | 84.9 | 97.7 | 98.0 | 98.8 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IN 200 | 84.9 | 97.7 | 98.0 | 98.8 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IN 100 | 84.9 | 97.8 | 98.1 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IN 0 | 84.9 | 97.8 | 98.1 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 69.4 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 20000 | 75.9 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 18000 | 75.9 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 16000 | 76.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 14000 | 77.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 12000 | 79.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 10000 | 81.1 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 9000 | 81.7 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 8000 | 82.0 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 7000 | 82.5 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 6000 | 82.6 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 5000 | 82.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 4500 | 83.1 | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4000 | 84.9 | 90.7 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 3500 | 85.2 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 3000 | 86.5 | 93.4 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 2500 | 87.7 | 94.9 | 95.0 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2000 | 88.5 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1800 | 88.7 | 96.4 | 96.4 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1500 | 89.2 | 97.0 | 97.4 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1200 | 89.3 | 97.2 | 97.4 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1000 | 89.5 | 97.7 | 98.2 | 98.4 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 89.8 | 98.3 | 98.5 | 98.7 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 89.8 | 98.7 | 98.4 | 98.8 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 89.8 | 98.2 | 98.6 | 98.8 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 89.7 | 98.1 | 98.7 | 98.8 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 89.1 | 98.3 | 98.1 | 98.9 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 89.7 | 98.1 | 98.7 | 98.9 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 89.7 | 98.1 | 98.7 | 98.9 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 89.7 | 98.1 | 98.7 | 98.9 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 89.1 | 98.1 | 98.1 | 98.9 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 89.7 | 98.1 | 98.1 | 98.9 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 929

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATIONLAUGHLIN AFB TX
STATION NAME70, 73-81
YEARSJUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING | 70.2 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 20000 | 80.5 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 18000 | 80.9 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 16000 | 81.0 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 14000 | 82.9 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 12000 | 85.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 10000 | 87.4 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 9000 | 87.6 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 8000 | 87.9 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 7000 | 88.0 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 6000 | 88.5 | 93.5 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 5000 | 88.9 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 4500 | 88.9 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 4000 | 89.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 3500 | 90.6 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 3000 | 91.3 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2500 | 91.8 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 2000 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1800 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1500 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1200 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 200 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 100 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 0 | 92.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅓ | ≥⅒ | ≥0 |
| NO CEILING | 68.1 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 20000 | 77.1 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 18000 | 77.9 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 16000 | 78.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 14000 | 79.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 12000 | 81.5 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 10000 | 83.5 | 93.2 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 9000 | 83.6 | 93.5 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 8000 | 83.9 | 94.1 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 7000 | 83.9 | 94.1 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 6000 | 84.2 | 94.3 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 5000 | 84.2 | 94.4 | 94.6 | 94.6 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 4500 | 84.3 | 94.6 | 95.0 | 95.1 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 4000 | 85.0 | 95.9 | 96.3 | 96.4 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 3500 | 85.3 | 96.7 | 97.1 | 97.2 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 3000 | 85.7 | 97.8 | 98.1 | 98.3 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2500 | 85.8 | 98.0 | 98.4 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 2000 | 85.8 | 98.3 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1800 | 85.8 | 98.3 | 98.6 | 98.7 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 85.9 | 98.6 | 99.0 | 99.1 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1200 | 85.9 | 98.6 | 99.0 | 99.1 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1000 | 86.0 | 98.7 | 99.1 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 86.0 | 98.7 | 99.1 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 86.0 | 98.8 | 99.2 | 99.3 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 859

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 37.8 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥20000 | 40.1 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥18000 | 40.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥16000 | 40.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥14000 | 40.2 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥12000 | 41.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥10000 | 41.2 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥9000 | 41.2 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥8000 | 41.2 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥7000 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥6000 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥5000 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥4500 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥4000 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥3500 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥3000 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥2500 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥2000 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥1800 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥1500 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥1200 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥1000 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥900 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥800 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥700 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥600 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥500 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥400 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥300 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥200 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥100 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥0 | 41.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |

TOTAL NUMBER OF OBSERVATIONS 805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 51.2 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 20000 | 56.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| IV 18000 | 56.4 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| IV 16000 | 56.5 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| IV 14000 | 57.4 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| IV 12000 | 59.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| IV 10000 | 60.2 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| IV 9000 | 60.3 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 8000 | 60.5 | 83.6 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| IV 7000 | 60.6 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| IV 6000 | 60.8 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| IV 5000 | 60.9 | 84.2 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 4500 | 61.1 | 84.6 | 84.8 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| IV 4000 | 61.6 | 85.6 | 85.8 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| IV 3500 | 62.1 | 86.6 | 86.8 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 3000 | 62.7 | 87.7 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| IV 2500 | 63.5 | 89.1 | 89.3 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| IV 2000 | 64.8 | 91.2 | 91.4 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 1800 | 65.4 | 91.9 | 92.1 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| IV 1500 | 67.1 | 94.4 | 94.7 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 1200 | 67.9 | 95.8 | 96.1 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 1000 | 68.6 | 97.3 | 97.7 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 900 | 68.8 | 97.8 | 98.1 | 98.3 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 800 | 68.9 | 98.2 | 98.6 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 700 | 69.0 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 600 | 69.0 | 98.8 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 500 | 69.0 | 98.8 | 99.0 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 69.0 | 98.7 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 69.0 | 98.7 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 69.0 | 98.7 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 69.0 | 98.7 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 69.0 | 98.7 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 6666

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.3 | 86.1 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 20000 | 27.7 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 18000 | 28.0 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 16000 | 28.7 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 14000 | 28.4 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 12000 | 28.6 | 92.7 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 10000 | 28.6 | 94.2 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 9000 | 28.6 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 8000 | 28.7 | 94.6 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 7000 | 29.7 | 94.9 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 6000 | 29.4 | 95.5 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 5000 | 30.2 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 4500 | 30.2 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 4000 | 30.2 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 3500 | 30.3 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 3000 | 30.5 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 2500 | 30.5 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 2000 | 30.6 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 30.6 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 30.6 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 200 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 100 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 0 | 30.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 662

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING ≥ 20000 | 27.1 | 79.0 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 18000 | 28.1 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 16000 | 28.1 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 14000 | 28.3 | 83.5 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 12000 | 28.7 | 84.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 10000 | 28.7 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 9000 | 28.7 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 8000 | 29.0 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 7000 | 29.4 | 86.1 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 6000 | 29.7 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 5000 | 30.8 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 4500 | 30.8 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 30.8 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 3500 | 31.3 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 3000 | 31.4 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 2500 | 31.7 | 91.3 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 2000 | 32.7 | 94.6 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 32.7 | 94.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1500 | 34.1 | 97.0 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1200 | 34.4 | 97.6 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1000 | 34.9 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 34.9 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 34.9 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 34.9 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 34.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 34.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 34.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 34.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 34.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 34.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 34.9 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 704

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING | 46.9 | 61.3 | 62.6 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥20000 | 49.5 | 64.1 | 65.4 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| IV 18000 | 49.6 | 64.3 | 65.5 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| IV 16000 | 49.6 | 64.3 | 65.5 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| IV 14000 | 50.7 | 66.1 | 67.3 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| IV 12000 | 53.0 | 68.9 | 70.1 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| IV 10000 | 54.9 | 71.5 | 72.7 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IV 9000 | 54.9 | 71.5 | 72.7 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IV 8000 | 55.1 | 71.7 | 72.9 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| IV 7000 | 55.2 | 71.8 | 73.1 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 6000 | 55.5 | 72.0 | 73.3 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| IV 5000 | 56.5 | 73.2 | 74.4 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IV 4500 | 56.6 | 73.3 | 74.5 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 4000 | 56.6 | 73.3 | 74.5 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 3500 | 56.7 | 74.2 | 75.5 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| IV 3000 | 57.0 | 75.0 | 76.4 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| IV 2500 | 57.6 | 75.8 | 77.3 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| IV 2000 | 60.0 | 79.1 | 80.7 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| IV 1800 | 61.3 | 80.6 | 82.2 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| IV 1500 | 66.1 | 86.4 | 88.0 | 88.6 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| IV 1200 | 70.1 | 91.4 | 93.1 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| IV 1000 | 71.9 | 93.9 | 95.7 | 96.1 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 900 | 73.3 | 95.4 | 97.2 | 97.7 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 800 | 73.4 | 95.7 | 97.6 | 98.2 | 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 700 | 73.6 | 96.1 | 98.2 | 98.8 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 600 | 73.6 | 96.1 | 98.2 | 98.8 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 500 | 73.7 | 96.4 | 98.3 | 98.9 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 400 | 73.8 | 96.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 73.8 | 96.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 200 | 73.8 | 96.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 100 | 73.8 | 96.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 0 | 73.8 | 96.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 887

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 55.0 | 60.2 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 20000 | 57.7 | 63.0 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 18000 | 58.4 | 63.7 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 16000 | 58.7 | 64.0 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 14000 | 60.6 | 65.9 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 12000 | 63.3 | 68.9 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 10000 | 65.7 | 71.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 9000 | 65.7 | 71.4 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 8000 | 65.8 | 71.6 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 7000 | 65.8 | 71.6 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 6000 | 66.3 | 72.2 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 5000 | 66.3 | 72.4 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 4500 | 66.3 | 72.4 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 4000 | 66.5 | 72.6 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 3500 | 66.7 | 72.9 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 3000 | 66.7 | 75.0 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 2500 | 70.8 | 78.0 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 2000 | 76.1 | 84.0 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 1800 | 77.8 | 85.7 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 1500 | 84.1 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1200 | 87.4 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1000 | 87.5 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 900 | 88.1 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 88.2 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 88.4 | 98.8 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 88.4 | 98.8 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 88.4 | 98.8 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 88.4 | 98.8 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 88.4 | 98.8 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 88.4 | 98.8 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 88.4 | 98.8 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 88.4 | 98.8 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 924

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATIONLAUGHLIN AFB TX
STATION NAME70,73-81
YEARSAUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING ≥ 20000 | 71.4 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| IV 18000 | 80.0 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| IV 16000 | 80.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| IV 14000 | 80.6 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| IV 12000 | 83.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 10000 | 84.7 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| IV 9000 | 84.7 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| IV 8000 | 85.5 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| IV 7000 | 85.5 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| IV 6000 | 85.8 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| IV 5000 | 86.2 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| IV 4500 | 86.5 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| IV 4000 | 87.0 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 3500 | 88.2 | 92.7 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| IV 3000 | 90.1 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 2500 | 91.7 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 2000 | 92.9 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 1800 | 93.1 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1500 | 93.4 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1200 | 93.5 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 1000 | 93.7 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 900 | 93.7 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 800 | 93.7 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 700 | 93.7 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 600 | 93.7 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 500 | 93.7 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 93.7 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 93.8 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 93.8 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 93.8 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 93.8 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING | 73.3 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 20000 | 86.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 18000 | 87.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 16000 | 87.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 14000 | 87.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 12000 | 89.1 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 10000 | 90.4 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 9000 | 90.6 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 8000 | 91.6 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 7000 | 91.9 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 6000 | 91.9 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 5000 | 92.7 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 4500 | 92.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 4000 | 93.5 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 3500 | 94.4 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 3000 | 95.3 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2500 | 95.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2000 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 917

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70, 73-81

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 65.5 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 20000 | 76.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 18000 | 77.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 16000 | 77.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 14000 | 78.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 12000 | 79.7 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 10000 | 81.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 9000 | 81.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 8000 | 83.1 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 7000 | 83.9 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 6000 | 83.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 5000 | 84.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 4500 | 84.4 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 4000 | 84.5 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 3500 | 84.7 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3000 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2500 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2000 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1800 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1500 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 0 | 85.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.C.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 36.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 20000 | 38.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| IN 18000 | 38.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| IN 16000 | 38.8 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| IN 14000 | 39.0 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IN 12000 | 39.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| IN 10000 | 39.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| IN 9000 | 40.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| IN 8000 | 40.9 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IN 7000 | 41.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IN 6000 | 41.9 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IN 5000 | 42.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| IN 4500 | 42.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IN 4000 | 42.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IN 3500 | 43.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IN 3000 | 43.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IN 2500 | 43.3 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IN 2000 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 1800 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 1500 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 1200 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 1000 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 900 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 800 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 700 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 600 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 500 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 400 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 300 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 200 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 100 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IN 0 | 43.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING ≥ 20000 | 52.0 | 73.6 | 73.6 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| IV 18000 | 57.7 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| IV 16000 | 58.0 | 81.3 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| IV 14000 | 58.2 | 81.3 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| IV 12000 | 58.9 | 82.3 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| IV 10000 | 60.5 | 84.5 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| IV 9000 | 61.7 | 86.2 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV 8000 | 61.7 | 86.4 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 7000 | 62.3 | 87.1 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 6000 | 62.6 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| IV 5000 | 62.9 | 87.7 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| IV 4500 | 63.5 | 88.4 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 4000 | 63.6 | 88.7 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 3500 | 63.8 | 89.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| IV 3000 | 64.3 | 89.9 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| IV 2500 | 65.2 | 91.1 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| IV 2000 | 65.8 | 92.0 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| IV 1800 | 67.1 | 93.8 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| IV 1500 | 67.8 | 94.3 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 1200 | 69.3 | 96.4 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 1000 | 70.4 | 97.8 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 900 | 70.7 | 98.4 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 800 | 70.9 | 98.6 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 700 | 71.0 | 98.7 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 600 | 71.0 | 98.8 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 500 | 71.1 | 98.9 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 71.1 | 98.9 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 300 | 71.1 | 98.9 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 200 | 71.1 | 98.9 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 100 | 71.1 | 98.9 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 0 | 71.1 | 98.9 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 6683

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.C.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 13.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 20000 | 14.4 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 18000 | 14.6 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| 16000 | 14.6 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| 14000 | 15.2 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 12000 | 15.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| 10000 | 15.4 | 85.4 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| 9000 | 15.7 | 86.3 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 8000 | 15.9 | 87.0 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 7000 | 15.9 | 87.6 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| 6000 | 15.9 | 87.6 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| 5000 | 15.9 | 87.6 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| 4500 | 15.9 | 88.3 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| 4000 | 16.1 | 89.8 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| 3500 | 16.3 | 90.5 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 3000 | 16.5 | 92.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 2500 | 16.5 | 93.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 2000 | 17.4 | 95.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 1800 | 17.4 | 95.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 1500 | 17.4 | 96.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 1200 | 17.4 | 96.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 1000 | 17.4 | 97.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 900 | 17.4 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 800 | 17.4 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 700 | 17.4 | 98.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 600 | 17.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 500 | 17.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 400 | 17.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 300 | 17.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 200 | 17.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 100 | 17.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0 | 17.4 | 98.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 597

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.7 | 70.5 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 20000 | 22.3 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 18000 | 22.3 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 16000 | 22.3 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 14000 | 22.3 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 12000 | 22.3 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 10000 | 22.8 | 77.8 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 9000 | 22.9 | 78.0 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 8000 | 22.9 | 78.0 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 7000 | 22.9 | 78.2 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 6000 | 22.9 | 78.2 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 5000 | 23.2 | 78.6 | 79.1 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 4500 | 23.6 | 79.4 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 4000 | 23.9 | 80.8 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 3500 | 23.9 | 81.0 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 3000 | 24.2 | 82.4 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 2500 | 24.6 | 84.1 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 2000 | 25.3 | 86.3 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 1800 | 25.6 | 86.7 | 87.8 | 88.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 1500 | 26.8 | 89.5 | 90.6 | 90.6 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 1200 | 27.8 | 91.7 | 92.8 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1000 | 28.1 | 93.8 | 94.9 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 900 | 28.1 | 95.0 | 96.2 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 800 | 28.2 | 95.5 | 96.7 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 700 | 28.2 | 96.1 | 97.5 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 28.2 | 96.5 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 28.2 | 97.2 | 98.6 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 28.2 | 97.8 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 28.2 | 97.8 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 28.2 | 97.8 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 28.2 | 97.8 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 28.2 | 97.8 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 691

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0600
HOURS (L.A.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| NO CEILING ≥ 20000 | 32.5 | 48.0 | 50.6 | 50.6 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| ≥ 18000 ≥ 6000 | 34.9 | 51.9 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 14000 ≥ 7000 | 35.1 | 52.5 | 54.7 | 54.8 | 54.9 | 54.9 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 10000 ≥ 9000 | 37.9 | 56.4 | 58.7 | 58.9 | 59.0 | 59.0 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 8000 ≥ 7000 | 38.8 | 57.4 | 59.8 | 59.9 | 60.0 | 60.0 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 6000 ≥ 5000 | 39.6 | 58.3 | 60.6 | 60.8 | 60.9 | 60.9 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 4500 ≥ 4000 | 40.3 | 59.4 | 62.0 | 62.2 | 62.3 | 62.3 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 3500 ≥ 3000 | 41.9 | 61.4 | 64.0 | 64.2 | 64.3 | 64.3 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 2500 ≥ 2000 | 43.9 | 64.0 | 66.9 | 67.3 | 67.7 | 67.7 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 1800 ≥ 1500 | 46.8 | 68.0 | 71.0 | 71.3 | 71.9 | 71.9 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 1200 ≥ 1000 | 54.8 | 81.2 | 85.0 | 85.4 | 86.2 | 86.2 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 900 ≥ 800 | 58.4 | 86.4 | 91.1 | 91.7 | 92.7 | 92.8 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 700 ≥ 600 | 60.1 | 89.3 | 93.9 | 94.5 | 95.7 | 95.9 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 500 ≥ 400 | 60.4 | 90.8 | 95.7 | 96.5 | 98.2 | 98.3 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 ≥ 200 | 60.6 | 91.0 | 96.1 | 96.8 | 98.7 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 ≥ 0 | 60.6 | 91.0 | 96.1 | 96.8 | 98.7 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 45.9 | 51.6 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 2000 | 49.4 | 55.3 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 18000 | 49.4 | 55.0 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 16000 | 49.7 | 55.7 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 14000 | 50.7 | 56.7 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 12000 | 52.3 | 58.7 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 10000 | 54.3 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 9000 | 54.8 | 61.8 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 8000 | 55.0 | 62.0 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 7000 | 55.3 | 62.3 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 6000 | 55.8 | 62.9 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 5000 | 56.2 | 63.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 4500 | 56.3 | 63.5 | 64.1 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 4000 | 56.7 | 63.8 | 64.5 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 3500 | 58.0 | 65.2 | 65.8 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 3000 | 59.8 | 66.5 | 67.5 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 2500 | 62.9 | 70.6 | 71.3 | 71.6 | 71.7 | 71.7 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 2000 | 68.3 | 76.2 | 77.1 | 77.7 | 78.1 | 78.1 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 1800 | 69.7 | 77.6 | 78.5 | 79.1 | 79.4 | 79.4 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 1500 | 75.1 | 84.3 | 85.5 | 86.3 | 86.8 | 86.8 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1200 | 79.6 | 89.4 | 90.7 | 91.7 | 92.2 | 92.2 | 92.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1000 | 81.6 | 92.5 | 94.1 | 95.1 | 95.7 | 95.7 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 900 | 82.6 | 93.7 | 95.4 | 96.5 | 97.1 | 97.1 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 83.0 | 94.1 | 95.9 | 97.1 | 97.7 | 97.7 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 83.1 | 94.3 | 96.3 | 97.4 | 98.2 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 83.2 | 94.3 | 96.3 | 97.4 | 98.2 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 83.1 | 94.5 | 96.5 | 97.6 | 98.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 83.1 | 94.6 | 96.6 | 97.7 | 99.0 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 83.1 | 94.6 | 96.6 | 97.7 | 99.0 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 83.1 | 94.6 | 96.6 | 97.7 | 99.0 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 83.1 | 94.6 | 96.6 | 97.7 | 99.0 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 83.1 | 94.6 | 96.6 | 97.7 | 99.0 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 889

USAF ETAC FORM 9-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A1- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 62.8 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 20000 | 68.1 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 18000 | 68.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 16000 | 68.8 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 14000 | 70.0 | 74.0 | 74.0 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 12000 | 73.0 | 77.7 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 10000 | 75.6 | 80.6 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 9000 | 75.6 | 80.6 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 8000 | 76.0 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 7000 | 76.3 | 81.4 | 81.4 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 6000 | 77.2 | 82.3 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 5000 | 77.6 | 82.8 | 82.8 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 4500 | 78.0 | 83.2 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 4000 | 79.2 | 84.6 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 3500 | 81.3 | 86.9 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 3000 | 85.0 | 90.7 | 90.8 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2500 | 86.4 | 92.4 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 2000 | 88.1 | 94.6 | 95.2 | 95.5 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1800 | 88.3 | 94.7 | 95.3 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1500 | 89.0 | 95.9 | 96.4 | 97.0 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1200 | 89.7 | 96.5 | 97.2 | 97.8 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1000 | 89.7 | 96.5 | 97.8 | 98.3 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900 | 89.8 | 97.0 | 97.9 | 98.4 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 89.9 | 97.1 | 98.1 | 98.7 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 89.9 | 97.1 | 98.1 | 98.7 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 89.9 | 97.1 | 98.1 | 98.7 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 89.9 | 97.1 | 98.1 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 89.9 | 97.1 | 98.1 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 89.9 | 97.1 | 98.1 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 89.9 | 97.1 | 98.1 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 89.9 | 97.1 | 98.1 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 89.9 | 97.1 | 98.1 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 56.2 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 20000 | 64.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 18000 | 64.2 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 16000 | 64.3 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 14000 | 64.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 12000 | 67.6 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 10000 | 70.2 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 9000 | 70.4 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 8000 | 70.8 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 7000 | 70.8 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 6000 | 71.2 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 5000 | 71.5 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 4500 | 72.1 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 4000 | 72.4 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 3500 | 73.5 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3000 | 73.7 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2500 | 73.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2000 | 73.7 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 73.7 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1500 | 74.1 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 74.1 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1000 | 74.1 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 74.1 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 74.1 | 98.7 | 99.0 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 74.1 | 98.7 | 99.0 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 74.1 | 98.7 | 99.0 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 74.1 | 98.9 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 815

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 0 | ≥ 0 |
| NO CEILING | 35.0 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 20000 | 37.4 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 18000 | 37.6 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 16000 | 37.9 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 14000 | 38.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 12000 | 38.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 10000 | 39.4 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 9000 | 39.5 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 8000 | 40.0 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 7000 | 40.0 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 6000 | 40.2 | 92.8 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 5000 | 40.2 | 93.5 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 4500 | 41.4 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 4000 | 41.4 | 94.9 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3500 | 41.6 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3000 | 41.9 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 2500 | 41.9 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2000 | 41.9 | 97.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1800 | 42.3 | 98.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 42.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 42.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 42.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 42.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 42.3 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 42.3 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 42.3 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 42.3 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 752

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 44.3 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 20000 | 48.5 | 71.0 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 18000 | 48.7 | 71.2 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 16000 | 48.8 | 71.4 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 14000 | 49.4 | 72.3 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 12000 | 51.3 | 75.4 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 10000 | 52.8 | 78.2 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 9000 | 53.7 | 78.6 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 8000 | 53.4 | 79.2 | 79.8 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 7000 | 53.5 | 79.4 | 80.0 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 6000 | 53.9 | 79.9 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 5000 | 54.2 | 80.3 | 80.9 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 4500 | 54.6 | 80.9 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 4000 | 55.2 | 81.8 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 3500 | 56.3 | 83.1 | 83.9 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 3000 | 57.6 | 84.9 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 2500 | 58.5 | 86.4 | 87.3 | 87.5 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 2000 | 59.9 | 88.4 | 89.5 | 89.7 | 89.9 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1800 | 60.3 | 88.9 | 89.9 | 90.2 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 1500 | 62.0 | 91.4 | 92.5 | 92.8 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1200 | 63.4 | 93.5 | 94.7 | 95.1 | 95.4 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1000 | 64.1 | 94.9 | 96.2 | 96.6 | 96.9 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 900 | 64.4 | 95.4 | 96.8 | 97.2 | 97.6 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 64.6 | 95.8 | 97.2 | 97.7 | 98.2 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 64.7 | 96.0 | 97.6 | 98.0 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 64.7 | 96.3 | 97.9 | 98.3 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 64.7 | 96.5 | 98.1 | 98.5 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 64.8 | 96.6 | 98.2 | 98.6 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 64.8 | 96.6 | 98.2 | 98.6 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 64.8 | 96.6 | 98.2 | 98.7 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 64.8 | 96.6 | 98.2 | 98.7 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 64.8 | 96.6 | 98.2 | 98.7 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 6259

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 21.7 | 79.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥20000 | 21.7 | 80.2 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥18000 | 21.7 | 80.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥16000 | 21.7 | 80.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥14000 | 21.7 | 81.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥12000 | 22.0 | 81.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥10000 | 22.5 | 83.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥9000 | 22.5 | 83.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥8000 | 22.9 | 84.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥7000 | 22.9 | 84.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥6000 | 22.9 | 84.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥5000 | 22.9 | 85.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥4500 | 22.9 | 86.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥4000 | 23.1 | 87.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥3500 | 23.1 | 88.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥3000 | 23.1 | 90.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥2500 | 23.1 | 90.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥2000 | 23.7 | 93.4 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥1800 | 23.7 | 93.6 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥1500 | 23.7 | 95.0 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥1200 | 23.9 | 95.5 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥1000 | 23.9 | 96.0 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥900 | 23.9 | 96.4 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥800 | 23.9 | 96.5 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥700 | 23.9 | 96.5 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥600 | 23.9 | 96.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥500 | 23.9 | 96.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥400 | 23.9 | 96.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥300 | 23.9 | 96.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥200 | 24.1 | 97.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥100 | 24.1 | 97.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0 | 24.1 | 97.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS 577

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722515
STATION

AUGHLIN AFB TX
STATION NAME

69-70,73,75-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING | 19.5 | 66.7 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.6 | 67.6 |
| ≥ 20000 | 20.0 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.8 | 68.8 |
| ≥ 18000 | 20.5 | 68.3 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 |
| ≥ 16000 | 20.5 | 68.3 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 |
| ≥ 14000 | 20.5 | 68.9 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 12000 | 22.0 | 70.9 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 |
| ≥ 10000 | 22.6 | 72.3 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.2 | 73.2 |
| ≥ 9000 | 22.6 | 72.4 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 |
| ≥ 8000 | 22.6 | 72.4 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 |
| ≥ 7000 | 22.7 | 72.6 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.5 | 73.5 |
| ≥ 6000 | 22.7 | 73.2 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.1 | 74.1 |
| ≥ 5000 | 23.6 | 74.5 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.5 | 75.5 |
| ≥ 4500 | 24.1 | 75.2 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.1 | 76.1 |
| ≥ 4000 | 24.2 | 75.8 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.7 | 76.7 |
| ≥ 3500 | 24.5 | 77.0 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.9 | 77.9 |
| ≥ 3000 | 25.5 | 78.9 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 |
| ≥ 2500 | 26.2 | 80.6 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.7 | 81.7 |
| ≥ 2000 | 27.1 | 84.1 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.2 | 85.2 |
| ≥ 1800 | 27.4 | 84.7 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.8 | 85.8 |
| ≥ 1500 | 27.9 | 87.1 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.2 | 88.2 |
| ≥ 1200 | 28.6 | 90.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 |
| ≥ 1000 | 28.8 | 92.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.8 | 93.8 |
| ≥ 900 | 29.1 | 93.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.8 | 94.8 |
| ≥ 800 | 29.2 | 93.9 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.6 | 95.6 |
| ≥ 700 | 29.2 | 94.4 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 96.1 | 96.1 |
| ≥ 600 | 29.4 | 94.8 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.5 | 96.5 |
| ≥ 500 | 29.4 | 94.8 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.7 | 96.7 |
| ≥ 400 | 29.4 | 95.2 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.3 | 97.3 |
| ≥ 300 | 29.4 | 95.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 |
| ≥ 200 | 29.5 | 95.5 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 |
| ≥ 100 | 29.5 | 95.5 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 |
| ≥ 0 | 29.5 | 95.5 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 |

TOTAL NUMBER OF OBSERVATIONS 660

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.M.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 31.4 | 49.4 | 51.1 | 51.4 | 51.8 | 51.8 | 52.1 | 52.1 | 52.1 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 |
| ≥ 20000 | 32.2 | 50.5 | 52.2 | 52.4 | 52.9 | 52.9 | 53.2 | 53.2 | 53.2 | 53.4 | 53.4 | 53.6 | 53.6 | 53.6 | 53.7 | 53.7 |
| ≥ 18000 | 32.7 | 50.9 | 52.6 | 52.9 | 53.3 | 53.3 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 |
| ≥ 16000 | 32.7 | 50.9 | 52.6 | 52.9 | 53.3 | 53.3 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 |
| ≥ 14000 | 33.6 | 52.2 | 53.9 | 54.1 | 54.6 | 54.6 | 54.9 | 54.9 | 54.9 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 |
| ≥ 12000 | 34.4 | 53.1 | 54.8 | 55.0 | 55.5 | 55.5 | 55.8 | 55.8 | 55.8 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 |
| ≥ 10000 | 35.4 | 54.4 | 56.1 | 56.3 | 56.8 | 56.8 | 57.1 | 57.1 | 57.1 | 57.3 | 57.3 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 |
| ≥ 9000 | 35.7 | 54.8 | 56.7 | 56.9 | 57.3 | 57.3 | 57.7 | 57.7 | 57.7 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 |
| ≥ 8000 | 36.5 | 56.0 | 57.8 | 58.0 | 58.5 | 58.5 | 58.8 | 58.8 | 58.8 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 |
| ≥ 7000 | 36.5 | 56.2 | 58.0 | 58.3 | 58.7 | 58.7 | 59.1 | 59.1 | 59.1 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 |
| ≥ 6000 | 36.6 | 56.5 | 58.4 | 58.6 | 59.1 | 59.1 | 59.4 | 59.4 | 59.4 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.9 | 59.9 |
| ≥ 5000 | 37.4 | 57.5 | 59.3 | 59.5 | 60.0 | 60.0 | 60.3 | 60.3 | 60.3 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 | 60.8 | 60.8 |
| ≥ 4500 | 37.6 | 57.9 | 59.7 | 60.1 | 60.6 | 60.6 | 60.9 | 60.9 | 60.9 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.4 | 61.4 |
| ≥ 4000 | 38.5 | 58.9 | 60.8 | 61.2 | 61.7 | 61.7 | 62.0 | 62.0 | 62.0 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 |
| ≥ 3500 | 39.4 | 60.4 | 62.3 | 62.7 | 63.2 | 63.2 | 63.5 | 63.5 | 63.5 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 |
| ≥ 3000 | 40.4 | 62.2 | 64.1 | 64.6 | 65.0 | 65.0 | 65.4 | 65.4 | 65.4 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 |
| ≥ 2500 | 42.3 | 65.9 | 67.7 | 68.2 | 68.7 | 68.7 | 69.0 | 69.0 | 69.0 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 |
| ≥ 2000 | 43.7 | 69.7 | 72.0 | 72.7 | 73.3 | 73.3 | 73.6 | 73.6 | 73.6 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.3 | 74.3 |
| ≥ 1800 | 44.3 | 70.8 | 73.2 | 73.9 | 74.4 | 74.4 | 74.8 | 74.8 | 74.8 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.5 | 75.5 |
| ≥ 1500 | 45.6 | 73.1 | 75.5 | 76.1 | 76.8 | 76.8 | 77.2 | 77.2 | 77.2 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 78.0 | 78.0 |
| ≥ 1200 | 47.0 | 76.0 | 78.8 | 79.5 | 80.2 | 80.2 | 80.5 | 80.5 | 80.5 | 80.8 | 80.8 | 81.0 | 81.1 | 81.1 | 81.3 | 81.3 |
| ≥ 1000 | 48.4 | 79.1 | 82.1 | 82.8 | 83.5 | 83.5 | 83.8 | 83.8 | 83.8 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.7 | 84.7 |
| ≥ 900 | 48.9 | 81.0 | 84.4 | 85.1 | 85.8 | 85.8 | 86.1 | 86.1 | 86.1 | 86.6 | 86.6 | 86.7 | 86.9 | 86.9 | 87.2 | 87.2 |
| ≥ 800 | 50.1 | 82.8 | 86.4 | 87.2 | 88.1 | 88.1 | 88.4 | 88.4 | 88.4 | 88.9 | 88.9 | 89.0 | 89.2 | 89.2 | 89.4 | 89.4 |
| ≥ 700 | 50.7 | 83.7 | 88.2 | 89.0 | 90.3 | 90.3 | 90.7 | 90.7 | 90.7 | 91.2 | 91.2 | 91.3 | 91.5 | 91.5 | 91.7 | 91.7 |
| ≥ 600 | 51.0 | 84.5 | 89.1 | 89.9 | 91.4 | 91.4 | 91.9 | 92.0 | 92.0 | 92.4 | 92.4 | 92.5 | 92.8 | 92.8 | 93.0 | 93.0 |
| ≥ 500 | 51.3 | 85.1 | 89.7 | 90.5 | 92.4 | 92.4 | 93.2 | 93.3 | 93.3 | 94.0 | 94.0 | 94.2 | 94.4 | 94.4 | 94.6 | 94.7 |
| ≥ 400 | 51.3 | 85.1 | 90.3 | 91.1 | 93.6 | 93.6 | 94.6 | 95.1 | 95.1 | 95.9 | 95.9 | 96.0 | 96.2 | 96.2 | 96.4 | 96.6 |
| ≥ 300 | 51.3 | 85.4 | 90.4 | 91.3 | 93.8 | 93.8 | 95.1 | 95.6 | 95.6 | 96.6 | 96.6 | 96.9 | 97.1 | 97.1 | 97.4 | 97.5 |
| ≥ 200 | 51.4 | 85.6 | 90.5 | 91.4 | 93.9 | 93.9 | 94.0 | 95.3 | 96.1 | 96.2 | 97.2 | 97.6 | 97.7 | 98.3 | 98.6 | 98.9 |
| ≥ 100 | 51.4 | 85.6 | 90.5 | 91.4 | 93.9 | 93.9 | 94.0 | 95.3 | 96.1 | 96.2 | 97.2 | 97.6 | 97.8 | 98.5 | 98.6 | 99.1 |
| ≥ 0 | 51.4 | 85.6 | 90.5 | 91.4 | 93.9 | 93.9 | 94.0 | 95.3 | 96.1 | 96.2 | 97.2 | 97.6 | 97.8 | 98.5 | 98.6 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 872

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 45.4 | 53.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 20000 | 47.2 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 18000 | 47.4 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| ≥ 16000 | 47.6 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 14000 | 48.1 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 12000 | 49.6 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| ≥ 10000 | 52.0 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 9000 | 52.4 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| ≥ 8000 | 53.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| ≥ 7000 | 53.9 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 6000 | 54.6 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 5000 | 55.7 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 4500 | 56.7 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 4000 | 57.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 3500 | 58.5 | 64.7 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 3000 | 59.4 | 65.9 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 2500 | 61.6 | 69.1 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 2000 | 64.8 | 73.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 1800 | 66.0 | 75.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 1500 | 69.5 | 80.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 1200 | 72.3 | 85.1 | 86.2 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 1000 | 73.5 | 87.6 | 89.0 | 89.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 900 | 74.3 | 89.3 | 90.9 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 800 | 74.7 | 90.2 | 92.0 | 92.4 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 700 | 74.8 | 90.9 | 92.4 | 93.2 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 600 | 75.4 | 91.7 | 93.7 | 94.5 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 500 | 75.5 | 91.9 | 94.5 | 95.4 | 96.1 | 96.5 | 96.5 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 400 | 75.6 | 92.1 | 94.8 | 95.8 | 96.7 | 97.2 | 97.2 | 97.6 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 300 | 75.6 | 92.2 | 94.9 | 96.0 | 97.4 | 97.9 | 97.9 | 98.2 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 200 | 75.6 | 92.2 | 94.9 | 96.0 | 97.4 | 97.9 | 97.9 | 98.5 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 |
| ≥ 100 | 75.6 | 92.2 | 94.9 | 96.0 | 97.4 | 97.9 | 97.9 | 98.5 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 |
| ≥ 0 | 75.6 | 92.2 | 94.9 | 96.0 | 97.4 | 97.9 | 97.9 | 98.5 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 989

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 60.6 | 64.6 | 64.6 | 64.6 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 20000 | 63.3 | 67.4 | 67.4 | 67.4 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| IN 18000 | 63.5 | 67.6 | 67.6 | 67.6 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| IN 16000 | 64.1 | 68.2 | 68.2 | 68.2 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| IN 14000 | 64.9 | 69.2 | 69.2 | 69.2 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| IN 12000 | 67.2 | 71.5 | 71.5 | 71.5 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| IN 10000 | 69.1 | 73.5 | 73.5 | 73.5 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| IN 9000 | 69.3 | 73.7 | 73.7 | 73.7 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| IN 8000 | 70.3 | 75.2 | 75.3 | 75.3 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| IN 7000 | 70.9 | 75.9 | 76.0 | 76.0 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| IN 6000 | 71.6 | 76.6 | 76.9 | 76.9 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| IN 5000 | 72.9 | 78.3 | 78.6 | 78.6 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| IN 4500 | 73.4 | 78.9 | 79.2 | 79.2 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| IN 4000 | 74.7 | 80.4 | 80.7 | 80.7 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| IN 3500 | 77.1 | 83.3 | 83.9 | 83.9 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| IN 3000 | 79.6 | 86.2 | 86.8 | 86.8 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IN 2500 | 82.4 | 89.5 | 90.2 | 90.2 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| IN 2000 | 83.5 | 91.4 | 92.2 | 92.2 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| IN 1800 | 84.2 | 91.6 | 92.7 | 92.7 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| IN 1500 | 85.3 | 93.5 | 94.3 | 94.4 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IN 1200 | 86.1 | 94.6 | 95.4 | 95.5 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| IN 1000 | 86.6 | 95.5 | 96.8 | 96.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IN 900 | 86.9 | 96.3 | 97.4 | 97.5 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IN 800 | 87.3 | 96.5 | 97.6 | 97.7 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IN 700 | 87.0 | 96.5 | 97.7 | 97.8 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IN 600 | 87.0 | 96.5 | 97.7 | 97.8 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IN 500 | 87.0 | 96.7 | 97.9 | 98.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IN 400 | 87.0 | 96.9 | 98.3 | 98.4 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 300 | 87.0 | 96.9 | 98.3 | 98.4 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 200 | 87.0 | 96.9 | 98.3 | 98.4 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100 | 87.0 | 96.9 | 98.3 | 98.4 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0 | 87.0 | 96.9 | 98.3 | 98.4 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 70.5 | 71.5 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 20000 | 74.0 | 75.0 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| IVN 18000 | 75.0 | 76.0 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| 16000 | 75.7 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| IVN 14000 | 77.0 | 78.1 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 12000 | 78.7 | 80.2 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| IVN 10000 | 81.4 | 83.1 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| 9000 | 81.7 | 83.4 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| IVN 8000 | 82.9 | 84.7 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| 7000 | 83.7 | 86.1 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| IVN 6000 | 84.7 | 87.2 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 5000 | 85.4 | 87.9 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| IVN 4500 | 86.2 | 88.9 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| 4000 | 86.9 | 89.5 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IVN 3500 | 88.3 | 91.5 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 3000 | 89.9 | 93.2 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IVN 2500 | 90.6 | 94.3 | 95.2 | 95.3 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 2000 | 91.1 | 95.0 | 96.0 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| IVN 1800 | 91.4 | 95.5 | 96.5 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 1500 | 91.7 | 95.9 | 96.9 | 97.0 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| IVN 1200 | 92.1 | 96.6 | 97.7 | 97.8 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 1000 | 92.3 | 97.0 | 98.1 | 98.2 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IVN 900 | 92.3 | 97.0 | 98.1 | 98.2 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 800 | 92.3 | 97.1 | 98.2 | 98.3 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IVN 700 | 92.4 | 97.4 | 98.5 | 98.6 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 600 | 92.4 | 97.4 | 98.5 | 98.6 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IVN 500 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 400 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IVN 300 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IVN 100 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 92.6 | 97.6 | 98.7 | 98.8 | 99.3 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 909

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.M.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 51.6 | 74.4 | 74.4 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 20000 | 54.6 | 78.5 | 78.5 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| IV 18000 | 54.9 | 78.8 | 78.8 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| IV 16000 | 55.5 | 79.6 | 79.6 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 14000 | 56.7 | 81.5 | 81.5 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| IV 12000 | 57.5 | 83.3 | 83.3 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| IV 10000 | 58.6 | 85.4 | 85.4 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 9000 | 59.3 | 86.3 | 86.3 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV 8000 | 60.7 | 88.0 | 88.0 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| IV 7000 | 61.1 | 88.5 | 88.5 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 6000 | 61.3 | 89.1 | 89.1 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| IV 5000 | 62.2 | 90.5 | 90.5 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 4500 | 62.7 | 91.6 | 91.6 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| IV 4000 | 64.2 | 93.3 | 93.3 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| IV 3500 | 64.6 | 94.4 | 94.4 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IV 3000 | 65.0 | 95.0 | 95.0 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 2500 | 65.0 | 95.7 | 95.7 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 2000 | 65.0 | 96.6 | 96.6 | 96.8 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| IV 1800 | 65.0 | 96.8 | 96.8 | 97.0 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 1500 | 65.1 | 97.0 | 97.0 | 97.4 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 1200 | 65.8 | 97.9 | 97.9 | 98.2 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1000 | 65.8 | 97.9 | 98.0 | 98.5 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 900 | 65.8 | 98.0 | 98.1 | 98.6 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 800 | 65.8 | 98.0 | 98.1 | 98.6 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 700 | 65.8 | 98.0 | 98.1 | 98.6 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 600 | 65.8 | 98.0 | 98.1 | 98.6 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 500 | 65.9 | 98.1 | 98.2 | 98.7 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 400 | 65.9 | 98.1 | 98.2 | 98.7 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 300 | 65.9 | 98.1 | 98.2 | 98.7 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 200 | 65.9 | 98.1 | 98.2 | 98.7 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 100 | 65.9 | 98.1 | 98.2 | 98.7 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 0 | 65.9 | 98.1 | 98.2 | 98.7 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 855

USAF ETAC FORM 9-16-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING | 36.5 | 77.8 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 20000 | 37.7 | 79.8 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 18000 | 37.8 | 79.9 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 16000 | 37.9 | 80.1 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 14000 | 38.3 | 81.4 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 12000 | 38.7 | 82.4 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 10000 | 38.7 | 83.3 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 9000 | 39.2 | 84.0 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 8000 | 40.4 | 85.3 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 7000 | 41.0 | 86.2 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 6000 | 41.4 | 86.7 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 5000 | 42.1 | 88.4 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4500 | 42.8 | 89.9 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 4000 | 44.2 | 91.7 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 3500 | 44.4 | 92.8 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 3000 | 44.6 | 94.0 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 2500 | 45.0 | 94.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 2000 | 45.0 | 96.0 | 97.3 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1800 | 45.0 | 96.3 | 97.6 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1500 | 45.1 | 96.9 | 98.2 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 0 | 45.6 | 97.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,73-80

GCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/10 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 44.1 | 65.9 | 66.4 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 20000 | 45.9 | 68.2 | 68.7 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 18000 | 46.4 | 68.6 | 69.1 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 16000 | 46.7 | 68.9 | 69.4 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 |
| ≥ 14000 | 47.4 | 70.0 | 70.5 | 70.6 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 12000 | 48.6 | 71.6 | 72.2 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 10000 | 49.9 | 73.5 | 74.1 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 9000 | 50.3 | 73.9 | 74.5 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 8000 | 51.2 | 75.1 | 75.7 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 7000 | 51.6 | 75.6 | 76.2 | 76.3 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 |
| ≥ 6000 | 52.0 | 76.3 | 76.9 | 77.0 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 |
| ≥ 5000 | 52.5 | 77.5 | 78.2 | 78.2 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 4500 | 53.4 | 78.5 | 79.1 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 4000 | 54.3 | 79.6 | 80.3 | 80.4 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 |
| ≥ 3500 | 55.2 | 81.2 | 82.0 | 82.1 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 |
| ≥ 3000 | 56.2 | 82.8 | 83.6 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 2500 | 57.4 | 84.7 | 85.7 | 85.8 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 2000 | 58.5 | 87.1 | 88.2 | 88.4 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 1800 | 58.8 | 87.8 | 88.9 | 89.0 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 |
| ≥ 1500 | 59.8 | 89.5 | 90.7 | 90.8 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 |
| ≥ 1200 | 60.8 | 91.5 | 92.7 | 92.9 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 |
| ≥ 1000 | 61.3 | 92.7 | 94.0 | 94.3 | 94.7 | 94.7 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 |
| ≥ 900 | 61.5 | 93.4 | 94.8 | 95.1 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 800 | 61.8 | 93.9 | 95.4 | 95.7 | 96.2 | 96.2 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 |
| ≥ 700 | 61.9 | 94.2 | 95.8 | 96.1 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 600 | 62.0 | 94.5 | 96.2 | 96.5 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 |
| ≥ 500 | 62.1 | 94.7 | 96.5 | 96.8 | 97.6 | 97.7 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 |
| ≥ 400 | 62.1 | 94.8 | 96.8 | 97.1 | 98.0 | 98.1 | 98.4 | 98.4 | 98.4 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 300 | 62.1 | 94.9 | 96.8 | 97.3 | 98.2 | 98.3 | 98.7 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 200 | 62.2 | 94.9 | 96.9 | 97.4 | 98.3 | 98.4 | 98.8 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 |
| ≥ 100 | 62.2 | 94.9 | 96.9 | 97.4 | 98.3 | 98.4 | 98.8 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 | 100.0 |
| ≥ 0 | 62.2 | 94.9 | 96.9 | 97.4 | 98.3 | 98.4 | 98.8 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6473

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70, 75-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | ≥ 0 |
| NO CEILING | 25.1 | 72.2 | 72.5 | 72.9 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 20000 | 25.6 | 73.4 | 73.7 | 74.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 18000 | 25.6 | 73.4 | 73.7 | 74.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 16000 | 25.6 | 73.4 | 73.7 | 74.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 14000 | 25.6 | 73.5 | 73.9 | 74.2 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 12000 | 26.0 | 73.9 | 74.2 | 74.5 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 10000 | 26.1 | 74.4 | 74.7 | 75.0 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 9000 | 26.5 | 74.5 | 74.9 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 8000 | 26.5 | 75.4 | 75.7 | 76.0 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 7000 | 26.5 | 75.4 | 75.7 | 76.0 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 6000 | 26.5 | 76.0 | 76.4 | 76.7 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 5000 | 26.5 | 77.2 | 77.5 | 77.9 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 4500 | 26.5 | 77.5 | 77.9 | 78.2 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 4000 | 27.0 | 78.9 | 79.2 | 79.5 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 3500 | 27.1 | 79.7 | 80.0 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 3000 | 27.3 | 81.0 | 81.4 | 81.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 2500 | 27.5 | 83.7 | 84.0 | 84.5 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 2000 | 27.6 | 85.9 | 86.2 | 86.9 | 87.5 | 87.7 | 87.7 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 1800 | 27.6 | 86.0 | 86.4 | 87.0 | 87.7 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 1500 | 27.6 | 88.4 | 88.7 | 89.4 | 90.0 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 1200 | 27.6 | 90.5 | 90.8 | 91.5 | 92.2 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1000 | 27.6 | 91.8 | 92.2 | 92.8 | 93.7 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 900 | 27.6 | 92.0 | 92.3 | 93.2 | 94.3 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 800 | 27.6 | 92.2 | 92.5 | 93.3 | 94.7 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 700 | 27.6 | 92.3 | 92.7 | 93.5 | 94.8 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 600 | 28.0 | 92.5 | 92.8 | 93.7 | 95.2 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 500 | 28.3 | 93.2 | 93.7 | 94.5 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 400 | 28.3 | 93.7 | 94.8 | 95.7 | 97.8 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 300 | 28.3 | 93.7 | 94.8 | 95.7 | 98.0 | 98.2 | 98.3 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 28.3 | 93.7 | 95.0 | 95.8 | 98.3 | 98.5 | 99.0 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 100 | 28.3 | 93.7 | 95.0 | 95.8 | 98.3 | 98.8 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 0 | 28.3 | 93.7 | 95.0 | 95.8 | 98.3 | 98.8 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 601

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,75-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 0 | ≥ 0 |
| NO CEILING | 20.1 | 61.8 | 63.0 | 63.0 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 20000 | 20.7 | 62.7 | 63.9 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 18000 | 20.7 | 62.7 | 63.9 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 16000 | 20.7 | 62.7 | 63.9 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 14000 | 20.7 | 62.7 | 63.9 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 12000 | 21.2 | 63.7 | 65.1 | 65.1 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 10000 | 21.2 | 64.2 | 65.6 | 65.6 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 9000 | 21.2 | 64.9 | 66.3 | 66.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 8000 | 21.4 | 65.1 | 66.5 | 66.5 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 7000 | 21.4 | 65.3 | 66.7 | 66.7 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 6000 | 21.7 | 66.1 | 67.5 | 67.5 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 5000 | 21.7 | 67.5 | 68.9 | 68.9 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 4500 | 21.7 | 68.1 | 69.4 | 69.4 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 4000 | 22.0 | 69.1 | 70.5 | 70.5 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 3500 | 22.0 | 70.1 | 71.5 | 71.5 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 3000 | 22.2 | 71.7 | 73.1 | 73.1 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 2500 | 22.2 | 74.5 | 76.4 | 76.4 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 2000 | 22.4 | 77.1 | 79.0 | 79.0 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 1800 | 22.4 | 78.1 | 80.0 | 80.0 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 1500 | 22.4 | 80.7 | 82.6 | 82.6 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 1200 | 22.4 | 83.2 | 85.4 | 85.4 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 1000 | 22.4 | 84.9 | 87.3 | 87.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 900 | 22.4 | 85.4 | 88.0 | 88.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 800 | 22.4 | 86.1 | 89.4 | 89.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 700 | 22.6 | 86.8 | 90.1 | 90.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 600 | 22.6 | 86.8 | 90.1 | 90.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 500 | 22.7 | 87.2 | 90.5 | 90.5 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 400 | 23.1 | 87.6 | 91.5 | 91.5 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 300 | 23.1 | 87.6 | 91.5 | 91.5 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 200 | 23.1 | 87.6 | 91.5 | 91.5 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 100 | 23.1 | 87.6 | 91.5 | 91.5 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 0 | 23.1 | 87.6 | 91.5 | 91.5 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |

TOTAL NUMBER OF OBSERVATIONS 576

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 36.7 | 53.7 | 54.9 | 55.0 | 55.8 | 56.1 | 56.1 | 56.1 | 56.1 | 56.3 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.9 |
| ≥ 20000 | 37.3 | 54.5 | 55.7 | 56.0 | 56.8 | 57.1 | 57.1 | 57.1 | 57.1 | 57.4 | 57.7 | 57.7 | 57.7 | 57.9 | 57.9 | 58.1 |
| ≥ 18000 | 37.3 | 54.5 | 55.7 | 56.0 | 56.8 | 57.1 | 57.1 | 57.1 | 57.1 | 57.4 | 57.7 | 57.7 | 57.7 | 57.9 | 57.9 | 58.1 |
| ≥ 16000 | 37.3 | 54.5 | 55.7 | 56.0 | 56.8 | 57.1 | 57.1 | 57.1 | 57.1 | 57.4 | 57.7 | 57.7 | 57.7 | 57.9 | 57.9 | 58.1 |
| ≥ 14000 | 37.7 | 55.2 | 56.4 | 56.7 | 57.5 | 57.9 | 57.9 | 57.9 | 57.9 | 58.1 | 58.5 | 58.5 | 58.6 | 58.6 | 58.7 | 58.8 |
| ≥ 12000 | 37.9 | 55.4 | 56.7 | 56.9 | 57.7 | 58.1 | 58.1 | 58.1 | 58.1 | 58.3 | 58.7 | 58.7 | 58.8 | 58.8 | 58.9 | 59.0 |
| ≥ 10000 | 38.0 | 55.6 | 56.9 | 57.1 | 58.0 | 58.3 | 58.3 | 58.3 | 58.3 | 58.6 | 58.9 | 58.9 | 59.0 | 59.0 | 59.2 | 59.3 |
| ≥ 9000 | 38.0 | 55.7 | 57.0 | 57.3 | 58.1 | 58.5 | 58.5 | 58.5 | 58.5 | 58.7 | 59.0 | 59.0 | 59.2 | 59.2 | 59.3 | 59.4 |
| ≥ 8000 | 38.6 | 56.5 | 57.9 | 58.1 | 58.9 | 59.3 | 59.3 | 59.3 | 59.3 | 59.5 | 59.9 | 59.9 | 60.0 | 60.0 | 60.1 | 60.2 |
| ≥ 7000 | 39.1 | 57.0 | 58.3 | 58.6 | 59.4 | 59.8 | 59.8 | 59.8 | 59.8 | 60.0 | 60.4 | 60.4 | 60.5 | 60.5 | 60.6 | 60.7 |
| ≥ 6000 | 39.8 | 58.1 | 59.4 | 59.6 | 60.5 | 60.8 | 60.8 | 60.8 | 60.8 | 61.1 | 61.4 | 61.4 | 61.5 | 61.5 | 61.7 | 61.8 |
| ≥ 5000 | 40.4 | 59.5 | 60.8 | 61.1 | 61.9 | 62.3 | 62.3 | 62.3 | 62.3 | 62.5 | 62.9 | 62.9 | 63.0 | 63.0 | 63.1 | 63.2 |
| ≥ 4500 | 40.6 | 60.7 | 62.0 | 62.3 | 63.1 | 63.5 | 63.5 | 63.5 | 63.5 | 63.7 | 64.0 | 64.0 | 64.2 | 64.2 | 64.3 | 64.4 |
| ≥ 4000 | 41.2 | 61.4 | 62.7 | 63.0 | 63.8 | 64.2 | 64.2 | 64.2 | 64.2 | 64.4 | 64.8 | 64.8 | 64.9 | 64.9 | 65.0 | 65.1 |
| ≥ 3500 | 41.3 | 62.1 | 63.5 | 63.7 | 64.5 | 64.9 | 64.9 | 64.9 | 64.9 | 65.1 | 65.5 | 65.5 | 65.6 | 65.6 | 65.7 | 65.8 |
| ≥ 3000 | 42.1 | 63.3 | 64.8 | 65.1 | 66.0 | 66.3 | 66.5 | 66.5 | 66.5 | 66.8 | 67.1 | 67.1 | 67.3 | 67.3 | 67.4 | 67.5 |
| ≥ 2500 | 42.7 | 65.5 | 67.0 | 67.4 | 68.3 | 68.7 | 68.9 | 68.9 | 68.9 | 69.2 | 69.5 | 69.5 | 69.6 | 69.6 | 69.8 | 69.9 |
| ≥ 2000 | 43.2 | 67.1 | 68.9 | 69.5 | 70.6 | 71.0 | 71.2 | 71.2 | 71.2 | 71.4 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.1 |
| ≥ 1800 | 43.7 | 68.5 | 70.2 | 71.0 | 72.0 | 72.4 | 72.6 | 72.6 | 72.6 | 72.9 | 73.2 | 73.2 | 73.3 | 73.3 | 73.5 | 73.6 |
| ≥ 1500 | 44.3 | 70.4 | 72.3 | 73.0 | 74.3 | 74.8 | 75.4 | 75.4 | 75.4 | 75.7 | 76.1 | 76.1 | 76.2 | 76.2 | 76.3 | 76.4 |
| ≥ 1200 | 45.4 | 72.7 | 75.0 | 75.7 | 77.1 | 77.6 | 78.2 | 78.6 | 78.6 | 78.9 | 79.3 | 79.3 | 79.4 | 79.4 | 79.5 | 79.6 |
| ≥ 1000 | 45.5 | 73.6 | 76.1 | 76.9 | 78.5 | 78.9 | 79.6 | 80.0 | 80.0 | 80.5 | 80.8 | 80.8 | 81.0 | 81.0 | 81.1 | 81.2 |
| ≥ 900 | 45.7 | 74.5 | 77.1 | 78.0 | 79.5 | 80.0 | 80.7 | 81.1 | 81.1 | 81.5 | 81.9 | 81.9 | 82.0 | 82.0 | 82.1 | 82.3 |
| ≥ 800 | 45.8 | 75.4 | 78.2 | 79.0 | 80.8 | 81.3 | 82.1 | 82.6 | 82.6 | 83.1 | 83.5 | 83.5 | 83.6 | 83.6 | 83.7 | 83.8 |
| ≥ 700 | 45.8 | 76.1 | 79.2 | 80.0 | 81.9 | 82.4 | 83.2 | 83.7 | 83.7 | 84.2 | 84.5 | 84.5 | 84.8 | 84.8 | 84.9 | 85.0 |
| ≥ 600 | 46.0 | 76.7 | 79.9 | 81.1 | 83.0 | 83.5 | 84.3 | 84.8 | 84.8 | 85.2 | 85.6 | 85.6 | 85.8 | 85.8 | 86.0 | 86.1 |
| ≥ 500 | 46.1 | 77.4 | 80.8 | 82.1 | 84.4 | 84.9 | 85.7 | 86.4 | 86.4 | 86.9 | 87.3 | 87.3 | 87.5 | 87.5 | 87.6 | 87.7 |
| ≥ 400 | 46.2 | 78.2 | 82.0 | 83.7 | 86.2 | 86.8 | 87.9 | 88.9 | 89.2 | 89.8 | 90.1 | 90.1 | 90.5 | 90.5 | 90.6 | 90.8 |
| ≥ 300 | 46.2 | 78.6 | 82.9 | 84.6 | 87.6 | 88.5 | 89.6 | 91.3 | 91.7 | 92.6 | 93.1 | 93.1 | 93.5 | 93.5 | 93.6 | 93.9 |
| ≥ 200 | 46.2 | 78.6 | 82.9 | 84.6 | 88.0 | 88.9 | 90.5 | 92.3 | 92.7 | 94.4 | 95.0 | 95.0 | 95.5 | 95.7 | 96.3 | 96.9 |
| ≥ 100 | 46.2 | 78.6 | 82.9 | 84.6 | 88.0 | 88.9 | 90.5 | 92.3 | 92.9 | 94.6 | 95.6 | 95.6 | 96.2 | 96.7 | 97.5 | 98.7 |
| ≥ 0 | 46.2 | 78.6 | 82.9 | 84.6 | 88.0 | 88.9 | 90.5 | 92.3 | 92.9 | 94.6 | 95.6 | 95.6 | 96.5 | 97.4 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 840

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATIONLAUGHLIN AFB TX
STATION NAME69-70, 73-80
YEARSNOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 48.3 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 |
| ≥ 20000 | 47.4 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.5 |
| IV 18000 | 49.4 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.5 |
| IV 16000 | 49.4 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 |
| IV 14000 | 50.5 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.2 | 54.2 | 54.2 |
| IV 12000 | 51.0 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.7 | 54.7 | 54.7 |
| IV 10000 | 51.8 | 55.2 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.6 | 55.6 | 55.6 |
| IV 9000 | 52.1 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.9 | 55.9 | 55.9 |
| IV 8000 | 53.3 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.2 | 57.2 | 57.2 |
| IV 7000 | 53.9 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.4 | 58.4 | 58.4 |
| IV 6000 | 55.7 | 59.9 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.3 | 60.3 | 60.3 |
| IV 5000 | 56.5 | 60.7 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.1 | 61.1 | 61.1 |
| IV 4500 | 57.4 | 61.7 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.2 | 62.2 | 62.2 |
| IV 4000 | 57.9 | 62.2 | 62.3 | 62.3 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.7 | 62.7 | 62.7 |
| IV 3500 | 58.5 | 62.7 | 62.9 | 62.9 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.3 | 63.3 | 63.3 |
| IV 3000 | 58.6 | 63.2 | 63.4 | 63.4 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.9 | 63.9 | 63.9 |
| IV 2500 | 59.9 | 64.5 | 64.7 | 64.7 | 64.9 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.3 | 65.3 | 65.3 |
| IV 2000 | 61.6 | 66.7 | 67.0 | 67.0 | 67.6 | 67.7 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.3 | 68.3 | 68.3 |
| IV 1800 | 62.4 | 67.8 | 68.2 | 68.2 | 68.7 | 68.9 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.6 | 69.6 | 69.6 |
| IV 1500 | 64.5 | 70.6 | 71.2 | 71.2 | 72.0 | 72.1 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.9 | 72.9 | 72.9 |
| IV 1200 | 65.5 | 73.1 | 73.9 | 73.9 | 74.7 | 74.9 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 |
| IV 1000 | 67.5 | 76.1 | 77.0 | 77.0 | 78.0 | 78.1 | 79.2 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.8 | 79.8 | 79.8 |
| IV 900 | 68.4 | 78.1 | 79.4 | 79.4 | 80.4 | 80.5 | 81.8 | 82.0 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.5 | 82.5 | 82.5 |
| IV 800 | 69.2 | 79.4 | 80.6 | 80.6 | 81.8 | 81.9 | 83.2 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.9 | 83.9 | 83.9 |
| IV 700 | 70.1 | 81.5 | 83.3 | 83.4 | 84.9 | 85.0 | 86.4 | 86.6 | 86.7 | 87.0 | 87.0 | 87.0 | 87.0 | 87.2 | 87.2 | 87.2 |
| IV 600 | 70.4 | 83.0 | 85.7 | 85.9 | 87.4 | 87.5 | 89.2 | 89.7 | 89.9 | 90.2 | 90.2 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 |
| IV 500 | 70.6 | 83.9 | 86.6 | 87.3 | 89.9 | 90.0 | 92.0 | 92.8 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.7 | 93.7 | 93.7 |
| IV 400 | 70.8 | 84.4 | 87.5 | 88.2 | 91.1 | 91.3 | 93.8 | 94.8 | 95.2 | 95.7 | 95.7 | 95.7 | 95.7 | 96.0 | 96.0 | 96.0 |
| IV 300 | 70.8 | 84.5 | 87.8 | 88.7 | 91.8 | 92.2 | 94.7 | 96.2 | 96.7 | 97.6 | 97.7 | 97.7 | 97.7 | 98.0 | 98.2 | 98.2 |
| IV 200 | 70.8 | 84.5 | 87.8 | 88.7 | 91.8 | 92.2 | 94.7 | 96.3 | 96.9 | 97.9 | 98.0 | 98.0 | 98.2 | 99.2 | 99.3 | 99.7 |
| IV 100 | 70.8 | 84.5 | 87.8 | 88.7 | 91.8 | 92.2 | 94.7 | 96.3 | 96.9 | 98.0 | 98.3 | 98.4 | 98.4 | 99.4 | 99.5 | 99.9 |
| IV 0 | 70.8 | 84.5 | 87.8 | 88.7 | 91.8 | 92.2 | 94.7 | 96.3 | 96.9 | 98.0 | 98.3 | 98.4 | 98.4 | 99.4 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 867

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 60.0 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 20000 | 62.6 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 18000 | 62.7 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 16000 | 62.7 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 14000 | 63.6 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 12000 | 64.6 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 10000 | 66.2 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 9000 | 66.7 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 8000 | 67.0 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 7000 | 67.5 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 6000 | 68.2 | 72.8 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 5000 | 69.4 | 74.0 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 4500 | 69.7 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 4000 | 69.9 | 74.7 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 3500 | 70.5 | 75.4 | 75.8 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 3000 | 71.7 | 76.7 | 77.0 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 2500 | 73.5 | 78.8 | 79.2 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 2000 | 75.9 | 81.9 | 82.4 | 82.7 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 1800 | 76.9 | 83.1 | 83.5 | 83.8 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 1500 | 78.5 | 86.0 | 86.8 | 87.1 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 1200 | 80.1 | 88.9 | 90.0 | 90.3 | 90.6 | 90.7 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 1000 | 80.8 | 90.7 | 91.9 | 92.3 | 92.5 | 92.6 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 900 | 81.5 | 91.7 | 92.9 | 93.4 | 93.7 | 93.8 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 800 | 82.0 | 92.7 | 94.1 | 94.5 | 94.8 | 94.9 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 700 | 82.0 | 93.2 | 94.6 | 95.1 | 95.6 | 95.7 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 600 | 82.3 | 93.8 | 95.6 | 96.2 | 96.7 | 96.9 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 500 | 82.6 | 94.7 | 96.6 | 97.2 | 97.9 | 98.1 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 82.7 | 94.9 | 96.9 | 97.5 | 98.3 | 98.5 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 82.7 | 95.2 | 97.1 | 97.8 | 98.7 | 98.9 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 82.7 | 95.2 | 97.1 | 97.8 | 98.7 | 98.9 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 82.7 | 95.2 | 97.1 | 97.8 | 98.7 | 98.9 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 82.7 | 95.2 | 97.1 | 97.8 | 98.7 | 98.9 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 891

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 66.6 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 20000 | 72.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 18000 | 72.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 16000 | 72.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 14000 | 73.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 12000 | 74.5 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 10000 | 75.8 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 9000 | 76.1 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 8000 | 76.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 7000 | 77.0 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 6000 | 77.8 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 5000 | 78.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 4500 | 79.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 4000 | 79.8 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 3500 | 80.4 | 83.7 | 84.0 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 3000 | 81.8 | 85.5 | 86.0 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 2500 | 84.2 | 88.3 | 88.8 | 88.8 | 89.0 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 2000 | 85.4 | 89.9 | 90.3 | 90.3 | 90.6 | 90.7 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 1800 | 85.6 | 90.5 | 90.9 | 91.0 | 91.2 | 91.4 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1500 | 86.9 | 93.5 | 93.9 | 94.2 | 94.4 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1200 | 87.8 | 94.7 | 95.2 | 95.4 | 95.7 | 95.8 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1000 | 88.1 | 95.3 | 95.7 | 96.0 | 96.4 | 96.5 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 900 | 88.6 | 95.7 | 96.2 | 96.4 | 96.9 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 800 | 88.6 | 95.8 | 96.3 | 96.5 | 97.0 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 88.7 | 96.1 | 96.5 | 96.7 | 97.4 | 97.5 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 600 | 88.7 | 96.5 | 97.0 | 97.3 | 98.0 | 98.1 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 88.8 | 96.7 | 97.3 | 97.6 | 98.5 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 88.8 | 96.7 | 97.4 | 97.8 | 98.7 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 88.8 | 96.9 | 97.6 | 98.0 | 98.9 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 88.8 | 96.9 | 97.6 | 98.0 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 88.8 | 96.9 | 97.6 | 98.0 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 88.8 | 96.9 | 97.6 | 98.0 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 891

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 49.0 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 20000 | 50.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 18000 | 50.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 16000 | 50.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 14000 | 51.1 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 12000 | 52.0 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 10000 | 52.1 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 9000 | 52.6 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 8000 | 52.8 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 7000 | 53.0 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 6000 | 53.3 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 5000 | 54.4 | 85.2 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 4500 | 54.6 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 4000 | 55.9 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 3500 | 57.0 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 3000 | 57.6 | 89.6 | 89.6 | 90.0 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 2500 | 58.3 | 91.1 | 91.1 | 91.6 | 91.6 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 2000 | 58.8 | 91.7 | 92.1 | 92.2 | 92.3 | 92.4 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1800 | 58.8 | 92.0 | 92.3 | 92.6 | 92.7 | 92.8 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1500 | 59.1 | 93.8 | 94.1 | 94.5 | 94.8 | 94.9 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1200 | 59.3 | 94.6 | 95.1 | 95.5 | 95.9 | 96.0 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 59.4 | 94.8 | 95.2 | 95.6 | 96.0 | 96.1 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 900 | 59.4 | 94.8 | 95.4 | 95.9 | 96.3 | 96.5 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 59.4 | 94.9 | 95.5 | 96.0 | 96.5 | 96.6 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 59.4 | 94.9 | 95.5 | 96.0 | 96.6 | 96.7 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 600 | 59.4 | 95.0 | 95.6 | 96.1 | 96.7 | 96.8 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 500 | 59.4 | 95.1 | 95.7 | 96.2 | 96.8 | 97.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 400 | 59.4 | 95.6 | 96.3 | 96.8 | 97.4 | 97.6 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 59.4 | 95.6 | 96.3 | 96.8 | 97.6 | 97.7 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 59.4 | 95.6 | 96.3 | 96.8 | 97.6 | 97.7 | 98.9 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 59.4 | 95.6 | 96.3 | 96.8 | 97.6 | 97.7 | 99.0 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 59.4 | 95.6 | 96.3 | 96.8 | 97.6 | 97.7 | 99.0 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 820

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATIONLAUGHLIN AFB TX
STATION NAME69-70, 73-80
YEARSNOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 39.4 | 75.5 | 75.5 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 20000 | 40.0 | 77.8 | 77.8 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 18000 | 40.0 | 77.8 | 77.8 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 16000 | 40.0 | 77.8 | 77.8 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 14000 | 40.0 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 12000 | 40.0 | 78.2 | 78.2 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 10000 | 40.1 | 79.8 | 79.8 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 9000 | 40.5 | 80.6 | 80.6 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 8000 | 40.5 | 81.0 | 81.0 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 7000 | 40.6 | 81.2 | 81.2 | 81.4 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 6000 | 40.9 | 82.5 | 82.5 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 5000 | 41.0 | 83.4 | 83.4 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 4500 | 41.6 | 84.1 | 84.1 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 4000 | 42.1 | 85.1 | 85.2 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 3500 | 43.1 | 86.8 | 86.9 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 3000 | 43.3 | 88.0 | 88.2 | 88.4 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 2500 | 43.3 | 89.9 | 90.2 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2000 | 43.7 | 91.0 | 91.5 | 92.2 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1800 | 43.7 | 91.1 | 91.7 | 92.5 | 92.6 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1500 | 43.7 | 92.2 | 92.7 | 93.5 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1200 | 43.7 | 92.5 | 93.1 | 93.9 | 94.3 | 94.3 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1000 | 43.7 | 92.6 | 93.4 | 94.6 | 95.0 | 95.0 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 900 | 43.9 | 93.3 | 94.1 | 95.3 | 95.8 | 95.8 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 800 | 43.9 | 93.3 | 94.1 | 95.3 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 700 | 43.9 | 93.7 | 94.8 | 96.0 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 600 | 43.9 | 93.7 | 94.8 | 96.0 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 500 | 44.0 | 93.9 | 95.0 | 96.2 | 97.2 | 97.2 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 400 | 44.0 | 94.6 | 95.8 | 97.0 | 98.0 | 98.0 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 300 | 44.0 | 94.8 | 96.0 | 97.2 | 98.1 | 98.1 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 200 | 44.0 | 94.8 | 96.0 | 97.2 | 98.1 | 98.1 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 100 | 44.0 | 94.8 | 96.0 | 97.2 | 98.1 | 98.3 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 44.0 | 94.8 | 96.0 | 97.2 | 98.1 | 98.3 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 793

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 45.2 | 64.6 | 65.0 | 65.1 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 |
| ≥ 20000 | 46.9 | 67.0 | 67.4 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 |
| IV 18000 | 47.0 | 67.1 | 67.5 | 67.6 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 68.0 | 68.0 |
| IV 16000 | 47.0 | 67.1 | 67.5 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 |
| IV 14000 | 47.6 | 68.0 | 68.3 | 68.4 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| IV 12000 | 48.2 | 68.8 | 69.2 | 69.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 |
| IV 10000 | 48.8 | 69.9 | 70.2 | 70.3 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| IV 9000 | 49.0 | 70.3 | 70.7 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 8000 | 49.5 | 70.9 | 71.3 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 |
| IV 7000 | 49.8 | 71.4 | 71.7 | 71.9 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 |
| IV 6000 | 50.5 | 72.5 | 72.8 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 |
| IV 5000 | 51.1 | 73.6 | 74.0 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 |
| IV 4500 | 51.5 | 74.2 | 74.6 | 74.7 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 |
| IV 4000 | 52.0 | 75.1 | 75.5 | 75.6 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 |
| IV 3500 | 52.6 | 76.0 | 76.5 | 76.6 | 76.8 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 |
| IV 3000 | 53.3 | 77.3 | 77.8 | 78.0 | 78.2 | 78.3 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 |
| IV 2500 | 54.2 | 79.4 | 80.0 | 80.2 | 80.6 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 |
| IV 2000 | 55.2 | 81.2 | 82.0 | 82.3 | 82.7 | 82.8 | 83.0 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 |
| IV 1800 | 55.5 | 82.0 | 82.7 | 83.1 | 83.5 | 83.6 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 |
| IV 1500 | 56.3 | 84.3 | 85.2 | 85.5 | 86.1 | 86.2 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 |
| IV 1200 | 57.0 | 86.2 | 87.2 | 87.6 | 88.2 | 88.3 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 1000 | 57.5 | 87.3 | 88.5 | 88.9 | 89.6 | 89.8 | 90.3 | 90.4 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 |
| IV 900 | 57.8 | 88.1 | 89.3 | 89.8 | 90.6 | 90.8 | 91.3 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 800 | 58.0 | 88.6 | 90.0 | 90.5 | 91.4 | 91.5 | 92.1 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 |
| IV 700 | 58.2 | 89.3 | 90.8 | 91.3 | 92.3 | 92.5 | 93.1 | 93.3 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 |
| IV 600 | 58.3 | 89.8 | 91.4 | 92.1 | 93.1 | 93.3 | 93.9 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 |
| IV 500 | 58.5 | 90.3 | 92.0 | 92.8 | 94.1 | 94.3 | 95.0 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| IV 400 | 58.5 | 90.8 | 92.8 | 93.6 | 95.1 | 95.3 | 96.2 | 96.7 | 96.8 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 300 | 58.5 | 90.9 | 93.0 | 93.9 | 95.6 | 95.9 | 96.9 | 97.6 | 97.7 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 |
| IV 200 | 58.5 | 90.9 | 93.0 | 93.9 | 95.7 | 96.0 | 97.1 | 98.0 | 98.2 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 |
| IV 100 | 58.5 | 90.9 | 93.0 | 93.9 | 95.7 | 96.0 | 97.2 | 98.1 | 98.3 | 98.7 | 98.9 | 98.9 | 99.2 | 99.3 | 99.4 | 99.6 |
| IV 0 | 58.5 | 90.9 | 93.0 | 93.9 | 95.7 | 96.0 | 97.2 | 98.1 | 98.3 | 98.7 | 98.9 | 98.9 | 99.2 | 99.3 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6229

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATIONLAUGHLIN AFB TX
STATION NAME69-70,75-80
YEARSDEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING ≥ 20000 | 24.2 | 64.7 | 64.8 | 65.2 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.8 | 65.8 |
| IV 18000 | 25.0 | 67.7 | 67.9 | 68.2 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.9 | 68.9 |
| IV 16000 | 25.0 | 67.9 | 68.1 | 68.4 | 68.5 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 |
| IV 14000 | 25.5 | 71.1 | 71.3 | 71.6 | 71.8 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.3 | 72.3 |
| IV 12000 | 26.0 | 72.9 | 73.1 | 73.4 | 73.5 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 |
| IV 10000 | 26.0 | 75.0 | 75.2 | 75.5 | 75.6 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.3 | 76.3 |
| IV 9000 | 26.0 | 75.8 | 76.0 | 76.3 | 76.5 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 |
| IV 8000 | 26.0 | 76.5 | 76.8 | 77.1 | 77.3 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.9 | 77.9 |
| IV 7000 | 26.1 | 76.6 | 76.9 | 77.3 | 77.4 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 78.1 | 78.1 |
| IV 6000 | 26.1 | 76.6 | 76.9 | 77.3 | 77.4 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 78.1 | 78.1 |
| IV 5000 | 26.5 | 78.4 | 79.0 | 79.4 | 79.5 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.2 | 80.2 |
| IV 4500 | 26.5 | 79.0 | 79.7 | 80.0 | 80.2 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.8 | 80.8 |
| IV 4000 | 26.6 | 79.7 | 80.3 | 80.6 | 80.8 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.5 | 81.5 |
| IV 3500 | 26.6 | 80.3 | 81.0 | 81.3 | 81.6 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.3 | 82.3 |
| IV 3000 | 26.6 | 81.0 | 81.6 | 81.9 | 82.3 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.9 | 82.9 |
| IV 2500 | 26.6 | 82.3 | 83.2 | 83.5 | 83.9 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 |
| IV 2000 | 26.5 | 85.6 | 86.9 | 87.3 | 87.6 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 |
| IV 1800 | 27.1 | 86.3 | 87.9 | 88.2 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.2 | 89.2 |
| IV 1500 | 27.7 | 87.6 | 89.4 | 89.7 | 90.0 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 |
| IV 1200 | 27.7 | 88.4 | 90.2 | 90.5 | 90.8 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 |
| IV 1000 | 27.7 | 89.4 | 91.1 | 91.5 | 91.8 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 |
| IV 900 | 27.7 | 89.7 | 91.5 | 91.8 | 92.1 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 |
| IV 800 | 27.9 | 89.8 | 91.6 | 91.9 | 92.3 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.9 | 92.9 |
| IV 700 | 28.1 | 90.3 | 92.3 | 92.6 | 93.1 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 |
| IV 600 | 28.1 | 90.6 | 92.6 | 92.9 | 93.7 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 |
| IV 500 | 28.1 | 90.6 | 93.1 | 93.4 | 94.2 | 94.6 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.5 | 95.5 |
| IV 400 | 28.1 | 91.6 | 94.0 | 94.4 | 95.3 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.6 | 96.6 |
| IV 300 | 28.1 | 92.1 | 94.7 | 95.0 | 96.1 | 96.8 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.6 | 97.6 |
| IV 200 | 28.1 | 92.6 | 95.2 | 95.6 | 97.1 | 97.7 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.9 | 98.9 |
| IV 100 | 28.1 | 92.7 | 95.3 | 96.0 | 97.3 | 97.9 | 98.2 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 99.2 | 99.5 |
| IV 0 | 28.1 | 92.7 | 95.3 | 96.0 | 97.3 | 97.9 | 98.2 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 620

USAF ETAC FORM 0-149 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.G.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥0 |
| NO CEILING | 19.6 | 57.0 | 57.3 | 58.2 | 58.3 | 58.3 | 58.3 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.7 | 58.7 | 58.7 |
| ≥20000 | 19.7 | 59.2 | 59.5 | 60.4 | 60.5 | 60.5 | 60.5 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.9 | 60.9 | 60.9 |
| ≥18000 | 19.7 | 59.2 | 59.5 | 60.4 | 60.5 | 60.5 | 60.5 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.9 | 60.9 | 60.9 |
| ≥16000 | 19.7 | 59.2 | 59.5 | 60.4 | 60.5 | 60.5 | 60.5 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.9 | 60.9 | 60.9 |
| ≥14000 | 19.7 | 61.2 | 61.6 | 62.4 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 |
| ≥12000 | 20.2 | 64.1 | 64.4 | 65.3 | 65.4 | 65.4 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.8 | 65.8 | 65.8 |
| ≥10000 | 20.2 | 65.1 | 65.4 | 66.3 | 66.4 | 66.4 | 66.4 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 |
| ≥9000 | 20.2 | 65.4 | 65.8 | 66.6 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.1 | 67.1 | 67.1 |
| ≥8000 | 20.2 | 66.1 | 66.4 | 67.3 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 |
| ≥7000 | 20.2 | 66.1 | 66.4 | 67.3 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 |
| ≥6000 | 20.6 | 66.4 | 66.8 | 67.6 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 |
| ≥5000 | 20.7 | 68.3 | 68.6 | 69.5 | 70.0 | 70.0 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.5 | 70.5 | 70.5 |
| ≥4500 | 20.7 | 69.0 | 69.3 | 70.2 | 70.7 | 70.7 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.2 | 71.2 | 71.2 |
| ≥4000 | 20.7 | 69.8 | 70.2 | 71.0 | 71.5 | 71.5 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 72.0 | 72.0 | 72.0 |
| ≥3500 | 20.9 | 71.0 | 71.3 | 72.2 | 72.7 | 72.8 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.4 | 73.4 | 73.4 |
| ≥3000 | 20.9 | 72.2 | 72.5 | 73.4 | 73.9 | 74.2 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 |
| ≥2500 | 21.4 | 74.7 | 75.0 | 75.9 | 76.4 | 76.9 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.4 | 77.4 | 77.4 |
| ≥2000 | 21.4 | 77.6 | 77.9 | 78.8 | 79.3 | 79.8 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.3 | 80.3 | 80.3 |
| ≥1800 | 21.4 | 78.1 | 78.4 | 79.3 | 79.8 | 80.3 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.8 | 80.8 | 80.8 |
| ≥1500 | 21.8 | 80.4 | 80.8 | 81.6 | 82.3 | 82.8 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.3 | 83.3 | 83.3 |
| ≥1200 | 21.8 | 82.1 | 82.5 | 83.3 | 84.0 | 84.5 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 85.0 | 85.0 | 85.0 |
| ≥1000 | 21.9 | 83.0 | 83.3 | 84.1 | 85.0 | 85.5 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.0 | 86.0 | 86.0 |
| ≥900 | 22.3 | 84.1 | 84.5 | 85.3 | 86.2 | 86.7 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.2 | 87.2 | 87.2 |
| ≥800 | 22.3 | 84.5 | 85.0 | 85.8 | 86.7 | 87.2 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.7 | 87.7 | 87.7 |
| ≥700 | 22.3 | 85.0 | 85.8 | 86.7 | 87.5 | 88.0 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 |
| ≥600 | 22.8 | 86.0 | 86.8 | 87.7 | 88.9 | 89.5 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 |
| ≥500 | 23.1 | 86.3 | 87.2 | 88.2 | 89.4 | 90.2 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.9 | 90.9 | 90.9 |
| ≥400 | 23.3 | 87.4 | 88.2 | 89.2 | 90.6 | 91.4 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.1 | 92.1 | 92.2 |
| ≥300 | 23.3 | 88.2 | 89.0 | 90.1 | 91.4 | 92.2 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.9 | 92.9 | 93.4 |
| ≥200 | 23.3 | 88.2 | 89.0 | 90.1 | 91.6 | 92.6 | 93.3 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.3 | 94.3 | 94.8 |
| ≥100 | 23.3 | 88.4 | 89.2 | 90.2 | 91.7 | 92.7 | 93.8 | 94.8 | 94.8 | 95.3 | 95.3 | 95.3 | 95.3 | 95.8 | 95.8 | 96.8 |
| ≥0 | 23.3 | 88.4 | 89.2 | 90.2 | 91.9 | 92.9 | 93.9 | 94.9 | 94.9 | 95.4 | 95.6 | 95.6 | 95.6 | 96.1 | 96.1 | 97.1 |

TOTAL NUMBER OF OBSERVATIONS 593

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A14 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING | 34.1 | 50.8 | 51.4 | 51.7 | 52.0 | 52.2 | 52.4 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 53.4 |
| ≥ 20000 | 35.5 | 53.0 | 53.6 | 53.8 | 54.2 | 54.3 | 54.6 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.5 |
| IV 18000 | 35.6 | 53.1 | 53.7 | 54.0 | 54.3 | 54.4 | 54.7 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.6 |
| IV 16000 | 35.6 | 53.1 | 53.7 | 54.0 | 54.3 | 54.4 | 54.7 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.6 |
| IV 14000 | 35.8 | 54.3 | 54.9 | 55.2 | 55.5 | 55.6 | 55.9 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.9 |
| IV 12000 | 37.1 | 57.6 | 58.2 | 58.4 | 58.8 | 58.9 | 59.1 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 60.1 |
| IV 10000 | 37.9 | 58.9 | 59.6 | 59.9 | 60.2 | 60.5 | 60.7 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.7 |
| IV 9000 | 38.3 | 59.7 | 60.5 | 60.7 | 61.1 | 61.3 | 61.5 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.5 |
| IV 8000 | 38.7 | 60.3 | 61.1 | 61.3 | 61.7 | 61.9 | 62.1 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 63.1 |
| IV 7000 | 38.7 | 60.3 | 61.2 | 61.4 | 61.8 | 62.0 | 62.3 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 63.2 |
| IV 6000 | 39.2 | 61.1 | 61.9 | 62.1 | 62.5 | 62.7 | 63.0 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.9 |
| IV 5000 | 39.7 | 62.6 | 63.5 | 63.7 | 64.1 | 64.3 | 64.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.6 |
| IV 4500 | 39.9 | 63.1 | 63.9 | 64.3 | 64.7 | 64.9 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 66.2 |
| IV 4000 | 40.3 | 63.9 | 64.8 | 65.1 | 65.5 | 65.7 | 66.1 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 67.1 |
| IV 3500 | 41.0 | 65.7 | 66.6 | 66.9 | 67.3 | 67.5 | 67.9 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.9 |
| IV 3000 | 41.3 | 66.5 | 67.3 | 67.8 | 68.1 | 68.3 | 68.8 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.7 |
| IV 2500 | 42.3 | 68.0 | 68.9 | 69.4 | 69.7 | 70.0 | 70.3 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 71.3 |
| IV 2000 | 43.4 | 70.4 | 71.3 | 71.8 | 72.1 | 72.4 | 72.7 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.7 |
| IV 1800 | 43.4 | 70.6 | 71.5 | 72.0 | 72.4 | 72.6 | 73.0 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.9 |
| IV 1500 | 43.9 | 73.0 | 73.9 | 74.4 | 74.8 | 75.0 | 75.4 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 76.3 |
| IV 1200 | 44.0 | 74.2 | 75.4 | 76.0 | 76.4 | 76.7 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 78.0 |
| IV 1000 | 44.1 | 75.5 | 76.7 | 77.3 | 77.8 | 78.0 | 78.4 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 79.3 |
| IV 900 | 44.5 | 76.2 | 77.5 | 78.1 | 78.6 | 78.8 | 79.2 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 80.2 |
| IV 800 | 44.6 | 76.9 | 78.2 | 78.8 | 79.3 | 79.6 | 80.0 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 81.1 |
| IV 700 | 44.6 | 77.5 | 79.3 | 79.9 | 80.4 | 80.6 | 81.1 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 82.2 |
| IV 600 | 44.6 | 77.5 | 79.7 | 80.4 | 81.3 | 81.5 | 82.0 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 83.1 |
| IV 500 | 45.0 | 77.9 | 80.0 | 81.2 | 82.0 | 82.2 | 83.3 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 84.4 |
| IV 400 | 45.0 | 78.5 | 81.1 | 82.3 | 83.7 | 84.0 | 85.2 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.5 |
| IV 300 | 45.0 | 78.7 | 81.5 | 82.9 | 84.5 | 85.1 | 86.7 | 87.4 | 87.4 | 87.6 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.9 |
| IV 200 | 45.0 | 78.7 | 81.5 | 82.9 | 84.5 | 85.2 | 87.3 | 88.5 | 88.5 | 89.1 | 89.8 | 89.9 | 90.4 | 90.6 | 91.5 | 93.3 |
| IV 100 | 45.0 | 78.7 | 81.5 | 82.9 | 84.5 | 85.2 | 87.3 | 88.6 | 88.6 | 89.2 | 90.7 | 90.9 | 91.9 | 92.3 | 93.8 | 98.2 |
| IV 0 | 45.0 | 78.7 | 81.5 | 82.9 | 84.5 | 85.2 | 87.3 | 88.6 | 88.6 | 89.2 | 90.7 | 90.9 | 92.2 | 92.7 | 94.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 832

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,73-80

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥5/16 | ≥¼ |
| NO CEILING | 48.4 | 51.4 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.2 | 52.3 | 52.5 |
| ≥20000 | 53.1 | 56.6 | 57.2 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.5 | 57.6 | 57.8 |
| IV 18000 | 53.4 | 56.9 | 57.5 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 58.0 | 58.2 |
| IV 16000 | 53.4 | 56.9 | 57.5 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 58.0 | 58.2 |
| IV 14000 | 54.5 | 58.1 | 58.6 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 59.0 | 59.1 | 59.3 |
| IV 12000 | 56.4 | 59.9 | 60.5 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.8 | 60.9 | 61.1 |
| IV 10000 | 56.7 | 60.2 | 60.8 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.3 | 61.5 |
| IV 9000 | 57.6 | 61.3 | 61.8 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.2 | 62.3 | 62.5 |
| IV 8000 | 58.6 | 62.3 | 62.8 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.3 | 63.5 |
| IV 7000 | 58.8 | 62.4 | 63.0 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.4 | 63.6 |
| IV 6000 | 59.5 | 63.2 | 63.8 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.2 | 64.4 |
| IV 5000 | 60.7 | 64.4 | 65.0 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.5 | 65.7 |
| IV 4500 | 60.9 | 64.7 | 65.2 | 65.3 | 65.3 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.6 | 65.7 | 65.9 |
| IV 4000 | 62.3 | 66.0 | 66.6 | 66.7 | 66.7 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.2 | 67.4 |
| IV 3500 | 63.2 | 67.0 | 67.6 | 67.7 | 67.7 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.2 | 68.4 |
| IV 3000 | 64.4 | 68.5 | 69.1 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.7 | 69.9 |
| IV 2500 | 66.3 | 70.6 | 71.1 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.8 | 72.0 |
| IV 2000 | 67.3 | 71.8 | 72.4 | 72.6 | 72.6 | 72.8 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.2 | 73.4 |
| IV 1800 | 67.5 | 72.2 | 72.7 | 73.0 | 73.0 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.4 | 73.5 | 73.8 |
| IV 1500 | 68.6 | 74.0 | 74.5 | 74.8 | 74.8 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.3 | 75.6 |
| IV 1200 | 69.3 | 75.3 | 75.9 | 76.1 | 76.1 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.7 | 76.9 |
| IV 1000 | 69.9 | 76.5 | 77.0 | 77.5 | 77.5 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 78.0 | 78.1 | 78.3 |
| IV 900 | 70.6 | 77.6 | 78.2 | 78.6 | 78.6 | 79.0 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 | 79.4 | 79.7 |
| IV 800 | 70.6 | 78.2 | 80.0 | 80.6 | 80.6 | 81.0 | 81.3 | 81.5 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 81.9 | 82.2 |
| IV 700 | 70.6 | 79.4 | 80.9 | 81.5 | 81.7 | 81.9 | 82.2 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.8 | 83.1 |
| IV 600 | 71.0 | 80.0 | 81.8 | 82.5 | 83.5 | 83.8 | 84.2 | 84.4 | 84.4 | 84.7 | 84.7 | 84.7 | 84.7 | 84.9 | 85.0 | 85.2 |
| IV 500 | 71.4 | 80.5 | 82.7 | 83.5 | 85.0 | 85.5 | 86.1 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.9 | 87.0 | 87.4 |
| IV 400 | 71.5 | 80.7 | 83.6 | 84.7 | 86.6 | 87.4 | 88.8 | 89.8 | 90.0 | 90.5 | 90.6 | 90.6 | 90.6 | 91.0 | 91.3 | 91.6 |
| IV 300 | 71.5 | 80.7 | 83.6 | 84.7 | 87.2 | 87.7 | 89.3 | 90.8 | 91.5 | 92.3 | 92.8 | 92.8 | 92.8 | 93.6 | 94.0 | 94.9 |
| IV 200 | 71.5 | 80.7 | 83.6 | 84.7 | 87.2 | 87.7 | 89.4 | 90.9 | 91.8 | 93.0 | 93.8 | 93.8 | 93.8 | 95.6 | 96.1 | 97.6 |
| IV 100 | 71.5 | 80.7 | 83.6 | 84.8 | 87.3 | 87.8 | 89.5 | 91.0 | 92.0 | 93.5 | 94.3 | 94.3 | 94.3 | 96.3 | 96.6 | 97.2 |
| IV 0 | 71.5 | 80.7 | 83.6 | 84.8 | 87.3 | 87.8 | 89.5 | 91.0 | 92.0 | 93.5 | 94.3 | 94.3 | 94.3 | 96.3 | 96.8 | 97.2 |

TOTAL NUMBER OF OBSERVATIONS 880

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ≥5/16 | ¾ | ≥0 |
| NO CEILING | 54.4 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 20000 | 59.5 | 63.9 | 64.7 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| IN 18000 | 60.0 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| IN 16000 | 60.1 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| IN 14000 | 60.8 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IN 12000 | 63.3 | 67.5 | 68.7 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| IN 10000 | 64.0 | 68.5 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| IN 9000 | 64.5 | 69.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| IN 8000 | 65.8 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| IN 7000 | 67.0 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| IN 6000 | 67.9 | 72.5 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| IN 5000 | 69.5 | 74.3 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| IN 4500 | 70.0 | 75.1 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| IN 4000 | 70.7 | 75.7 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IN 3500 | 71.7 | 76.7 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| IN 3000 | 72.8 | 78.2 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| IN 2500 | 75.0 | 80.4 | 80.8 | 81.0 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| IN 2000 | 76.3 | 81.9 | 82.5 | 82.7 | 82.8 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IN 1800 | 76.6 | 82.3 | 82.8 | 83.1 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| IN 1500 | 78.5 | 84.2 | 84.9 | 85.2 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| IN 1200 | 80.0 | 86.3 | 87.2 | 87.4 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| IN 1000 | 80.6 | 87.6 | 88.6 | 89.0 | 89.1 | 89.3 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| IN 900 | 81.4 | 88.6 | 89.7 | 90.1 | 90.3 | 90.4 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IN 800 | 81.5 | 89.6 | 90.9 | 91.5 | 91.7 | 91.8 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| IN 700 | 81.7 | 89.9 | 91.4 | 91.9 | 92.6 | 92.7 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| IN 600 | 82.2 | 91.5 | 92.9 | 93.5 | 94.2 | 94.4 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IN 500 | 82.6 | 92.1 | 94.1 | 94.6 | 95.6 | 95.9 | 96.2 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IN 400 | 82.6 | 92.6 | 94.9 | 95.6 | 96.6 | 97.2 | 97.6 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IN 300 | 82.6 | 92.6 | 94.9 | 95.6 | 97.0 | 97.6 | 98.2 | 98.8 | 98.8 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| IN 200 | 82.6 | 92.6 | 94.9 | 95.6 | 97.0 | 97.6 | 98.2 | 98.8 | 98.8 | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100 | 82.6 | 92.6 | 94.9 | 95.6 | 97.0 | 97.6 | 98.2 | 98.8 | 98.8 | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0 | 82.6 | 92.6 | 94.9 | 95.6 | 97.0 | 97.6 | 98.2 | 98.8 | 98.8 | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 903

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.A.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING ≥ 20000 | 63.6 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| IV 18000 | 71.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 16000 | 71.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| IV 14000 | 71.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| IV 12000 | 73.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| IV 10000 | 75.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 9000 | 76.7 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| IV 8000 | 77.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| IV 7000 | 78.4 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| IV 6000 | 79.4 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| IV 5000 | 80.0 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| IV 4500 | 81.4 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV 4000 | 81.8 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| IV 3500 | 82.4 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| IV 3000 | 84.0 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 2500 | 84.5 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| IV 2000 | 85.1 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| IV 1800 | 85.7 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 1600 | 85.9 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 1400 | 87.0 | 92.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| IV 1200 | 88.3 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| IV 1000 | 88.5 | 94.9 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 900 | 88.5 | 95.0 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 800 | 88.6 | 95.5 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 700 | 89.1 | 96.2 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 600 | 89.4 | 96.6 | 97.3 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 500 | 89.4 | 96.6 | 97.8 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 400 | 89.4 | 97.1 | 98.5 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 300 | 89.4 | 97.1 | 98.5 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 200 | 89.4 | 97.1 | 98.7 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 100 | 89.4 | 97.1 | 98.7 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 0 | 89.4 | 97.1 | 98.7 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 894

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥1/8 | ≥0 |
| NO CEILING ≥ 20000 | 47.3 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 18000 | 50.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IV 16000 | 50.9 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| IV 14000 | 51.2 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 12000 | 52.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| IV 10000 | 53.2 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| IV 9000 | 53.9 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 8000 | 54.3 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| IV 7000 | 54.6 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| IV 6000 | 55.4 | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| IV 5000 | 55.9 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| IV 4500 | 57.0 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IV 4000 | 57.4 | 87.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 3500 | 57.6 | 87.5 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| IV 3000 | 58.0 | 88.6 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 2500 | 58.3 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| IV 2000 | 58.6 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 1800 | 59.2 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 1500 | 59.2 | 92.1 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 1200 | 60.1 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 1000 | 60.1 | 94.3 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 900 | 60.1 | 94.3 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 800 | 60.2 | 94.6 | 95.3 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| IV 700 | 60.2 | 94.7 | 95.6 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 600 | 60.2 | 94.7 | 95.6 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 500 | 60.3 | 94.9 | 96.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| IV 400 | 60.4 | 95.1 | 96.3 | 97.3 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IV 300 | 60.4 | 95.2 | 96.4 | 97.4 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 200 | 60.4 | 95.3 | 96.5 | 97.9 | 98.4 | 98.5 | 98.8 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 100 | 60.4 | 95.3 | 96.5 | 97.9 | 98.4 | 98.5 | 98.9 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 60.4 | 95.3 | 96.5 | 97.9 | 98.4 | 98.5 | 98.9 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 809

USAF ETAC FORM 0-14-2 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥3/16 | ≥¼ | ≥0 |
| NO CEILING | 33.3 | 68.5 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 |
| ≥ 20000 | 34.7 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 |
| ≥ 18000 | 34.7 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.6 | 72.6 |
| ≥ 16000 | 34.8 | 72.3 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 |
| ≥ 14000 | 35.6 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.2 | 74.2 |
| ≥ 12000 | 36.3 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 |
| ≥ 10000 | 36.5 | 78.3 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 |
| ≥ 9000 | 36.5 | 78.7 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 |
| ≥ 8000 | 36.7 | 79.4 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 |
| ≥ 7000 | 37.2 | 79.9 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.5 | 80.5 |
| ≥ 6000 | 37.5 | 80.2 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 |
| ≥ 5000 | 38.0 | 82.2 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 |
| ≥ 4500 | 38.2 | 83.1 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 |
| ≥ 4000 | 38.2 | 83.9 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 |
| ≥ 3500 | 38.7 | 85.3 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 |
| ≥ 3000 | 39.0 | 86.2 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 |
| ≥ 2500 | 39.0 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 |
| ≥ 2000 | 39.6 | 88.9 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 |
| ≥ 1800 | 39.6 | 89.2 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 90.0 | 90.0 |
| ≥ 1500 | 40.4 | 90.3 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.3 | 91.3 |
| ≥ 1200 | 40.6 | 91.0 | 91.7 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.6 | 92.6 |
| ≥ 1000 | 40.6 | 91.6 | 92.6 | 93.2 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.8 | 93.8 |
| ≥ 900 | 40.6 | 91.7 | 92.9 | 93.6 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.6 | 94.6 |
| ≥ 800 | 40.6 | 91.7 | 92.9 | 93.6 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.6 | 94.6 |
| ≥ 700 | 40.7 | 91.8 | 93.3 | 94.1 | 94.2 | 94.2 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.3 | 95.3 |
| ≥ 600 | 40.8 | 92.1 | 93.6 | 94.4 | 94.5 | 94.6 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.7 | 95.7 |
| ≥ 500 | 40.8 | 92.4 | 93.8 | 94.6 | 94.9 | 95.2 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.3 | 96.3 |
| ≥ 400 | 40.8 | 92.6 | 94.2 | 95.2 | 95.4 | 96.0 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.3 | 97.3 |
| ≥ 300 | 40.8 | 93.0 | 94.6 | 95.6 | 96.1 | 96.7 | 97.5 | 97.5 | 97.6 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 98.3 | 98.3 |
| ≥ 200 | 40.8 | 93.0 | 94.6 | 95.6 | 96.5 | 97.1 | 98.0 | 98.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 99.2 | 99.2 |
| ≥ 100 | 40.8 | 93.0 | 94.6 | 95.6 | 96.5 | 97.1 | 98.0 | 98.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 99.2 | 99.7 |
| ≥ 0 | 40.8 | 93.0 | 94.6 | 95.6 | 96.5 | 97.1 | 98.0 | 98.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 42.5 | 60.5 | 60.8 | 60.9 | 61.0 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.4 |
| ≥ 20000 | 45.3 | 65.2 | 65.4 | 65.6 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 66.0 |
| ≥ 18000 | 46.0 | 65.5 | 65.8 | 65.9 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.4 |
| ≥ 16000 | 46.1 | 65.6 | 65.9 | 66.1 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.5 |
| ≥ 14000 | 46.9 | 67.1 | 67.4 | 67.6 | 67.6 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 68.0 |
| ≥ 12000 | 48.3 | 69.4 | 69.7 | 69.8 | 69.9 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.3 |
| ≥ 10000 | 48.9 | 70.8 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.7 |
| ≥ 9500 | 49.4 | 71.6 | 71.9 | 72.0 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.5 |
| ≥ 8000 | 49.9 | 72.4 | 72.7 | 72.9 | 73.0 | 73.0 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.4 |
| ≥ 7000 | 50.4 | 72.9 | 73.3 | 73.4 | 73.5 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 | 73.9 |
| ≥ 6000 | 50.9 | 73.5 | 73.9 | 74.1 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.5 |
| ≥ 5000 | 51.8 | 75.3 | 75.7 | 75.9 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.4 |
| ≥ 4500 | 52.0 | 75.9 | 76.3 | 76.5 | 76.6 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 77.0 |
| ≥ 4000 | 52.5 | 76.7 | 77.1 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.9 |
| ≥ 3500 | 53.2 | 77.9 | 78.3 | 78.5 | 78.6 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.1 |
| ≥ 3000 | 53.8 | 78.9 | 79.4 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.2 |
| ≥ 2500 | 54.6 | 80.4 | 80.9 | 81.1 | 81.3 | 81.4 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.8 |
| ≥ 2000 | 55.4 | 82.3 | 82.8 | 83.1 | 83.2 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.8 |
| ≥ 1800 | 55.5 | 82.6 | 83.2 | 83.5 | 83.6 | 83.8 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.2 |
| ≥ 1500 | 56.3 | 84.3 | 85.0 | 85.3 | 85.4 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 86.0 |
| ≥ 1200 | 57.0 | 85.7 | 86.5 | 86.8 | 87.0 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 | 87.6 |
| ≥ 1000 | 57.2 | 86.5 | 87.4 | 87.8 | 88.0 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.6 |
| ≥ 900 | 57.5 | 87.1 | 88.1 | 88.6 | 88.8 | 89.0 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.5 |
| ≥ 800 | 57.6 | 87.7 | 88.8 | 89.4 | 89.6 | 89.8 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.4 |
| ≥ 700 | 57.8 | 88.1 | 89.4 | 90.0 | 90.4 | 90.6 | 90.8 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.2 |
| ≥ 600 | 58.0 | 88.7 | 90.1 | 90.8 | 91.4 | 91.6 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.3 |
| ≥ 500 | 58.2 | 89.0 | 90.7 | 91.4 | 92.2 | 92.5 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.3 | 93.4 |
| ≥ 400 | 58.2 | 89.5 | 91.4 | 92.3 | 93.3 | 93.7 | 94.3 | 94.6 | 94.7 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.1 | 95.2 |
| ≥ 300 | 58.2 | 89.7 | 91.7 | 92.6 | 93.8 | 94.2 | 95.0 | 95.4 | 95.6 | 95.8 | 96.0 | 96.0 | 96.2 | 96.2 | 96.4 | 96.7 |
| ≥ 200 | 58.2 | 89.7 | 91.7 | 92.7 | 94.0 | 94.4 | 95.3 | 96.0 | 96.1 | 96.6 | 96.8 | 96.9 | 97.3 | 97.4 | 97.7 | 98.2 |
| ≥ 100 | 58.2 | 89.8 | 91.8 | 92.7 | 94.0 | 94.5 | 95.4 | 96.1 | 96.3 | 96.8 | 97.2 | 97.2 | 97.8 | 97.9 | 98.3 | 99.4 |
| ≥ 0 | 58.2 | 89.8 | 91.8 | 92.7 | 94.0 | 94.5 | 95.4 | 96.1 | 96.3 | 96.8 | 97.2 | 97.3 | 97.8 | 98.0 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6278

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE
DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY
SIGNIFICANT.

SKY COVER

JAN
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | 00-02 | 37.8 | | | 13.6 | | | | | | 10.2 | 38.4 | 5.2 | 619 |
| | 03-05 | 33.7 | | | 10.4 | | | | | | 9.6 | 46.4 | 5.8 | 617 |
| | 06-08 | 22.2 | | | 15.8 | | | | | | 13.3 | 48.7 | 6.5 | 874 |
| | 09-11 | 15.9 | | | 18.8 | | | | | | 13.5 | 51.7 | 7.0 | 903 |
| | 12-14 | 19.7 | | | 21.4 | | | | | | 18.3 | 41.6 | 6.4 | 924 |
| | 15-17 | 18.7 | | | 22.4 | | | | | | 21.3 | 37.6 | 6.4 | 920 |
| | 18-20 | 21.5 | | | 22.8 | | | | | | 19.8 | 35.9 | 6.1 | 804 |
| | 21-23 | 34.5 | | | 17.2 | | | | | | 10.4 | 37.9 | 5.2 | 750 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.4 | | | 17.8 | | | | | | 14.6 | 42.3 | 6.1 | 6411 |

SKY COVER

FEB
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| FEB | 00-02 | 41.9 | | | 14.4 | | | | | | 12.7 | 31.0 | 4.7 | 606 |
| | 03-05 | 39.1 | | | 11.8 | | | | | | 9.2 | 39.8 | 5.2 | 608 |
| | 06-08 | 25.7 | | | 19.6 | | | | | | 10.8 | 43.9 | 6.0 | 806 |
| | 09-11 | 20.0 | | | 18.8 | | | | | | 14.1 | 47.0 | 6.5 | 834 |
| | 12-14 | 22.7 | | | 24.1 | | | | | | 17.7 | 35.4 | 5.9 | 841 |
| | 15-17 | 20.9 | | | 32.1 | | | | | | 17.1 | 29.9 | 5.5 | 837 |
| | 18-20 | 24.6 | | | 29.9 | | | | | | 16.0 | 29.5 | 5.3 | 752 |
| | 21-23 | 40.9 | | | 17.7 | | | | | | 12.7 | 28.7 | 4.5 | 727 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 29.5 | | | 21.1 | | | | | | 13.8 | 35.7 | 5.5 | 6011 |

SKY COVER

MAR
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAR | 00-02 | 38.8 | | | 19.2 | | | | | | 12.2 | 29.8 | 4.7 | 707 |
| | 03-05 | 32.7 | | | 15.4 | | | | | | 9.0 | 42.8 | 5.6 | 719 |
| | 06-08 | 17.8 | | | 23.6 | | | | | | 14.0 | 44.6 | 6.4 | 891 |
| | 09-11 | 17.5 | | | 22.9 | | | | | | 15.2 | 44.4 | 6.5 | 919 |
| | 12-14 | 19.3 | | | 29.0 | | | | | | 20.4 | 31.3 | 5.8 | 927 |
| | 15-17 | 19.6 | | | 28.9 | | | | | | 23.6 | 27.8 | 5.8 | 923 |
| | 18-20 | 22.9 | | | 27.4 | | | | | | 25.0 | 24.7 | 5.5 | 837 |
| | 21-23 | 38.1 | | | 25.1 | | | | | | 14.4 | 22.4 | 4.3 | 833 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.8 | | | 23.9 | | | | | | 16.7 | 33.5 | 5.6 | 6756 |

SKY COVER

APR
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| APR | 00-02 | 31.8 | | | 19.3 | | | | | | 14.8 | 34.1 | 5.3 | 683 |
| | 03-05 | 26.0 | | | 15.9 | | | | | | 12.6 | 45.4 | 6.2 | 696 |
| | 06-08 | 14.3 | | | 17.3 | | | | | | 19.4 | 49.1 | 7.2 | 868 |
| | 09-11 | 16.1 | | | 21.1 | | | | | | 16.0 | 46.8 | 6.8 | 895 |
| | 12-14 | 17.8 | | | 27.6 | | | | | | 19.8 | 34.9 | 6.1 | 900 |
| | 15-17 | 18.0 | | | 28.8 | | | | | | 25.5 | 27.7 | 5.9 | 895 |
| | 18-20 | 19.4 | | | 27.6 | | | | | | 25.0 | 28.1 | 5.9 | 809 |
| | 21-23 | 31.6 | | | 26.4 | | | | | | 14.0 | 27.9 | 4.9 | 798 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 21.9 | | | 23.0 | | | | | | 18.4 | 36.8 | 6.0 | 6544 |

USAFETAC **FORM** **0-9.5 (OL1)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.**
III A4

SKY COVER

MAY
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAY | 00-02 | 31.8 | | | 22.3 | | | | | | 15.7 | 30.2 | 5.1 | 655 |
| | 03-05 | 19.8 | | | 18.5 | | | | | | 17.4 | 44.3 | 6.5 | 702 |
| | 06-08 | 9.2 | | | 17.7 | | | | | | 23.1 | 50.1 | 7.6 | 883 |
| | 09-11 | 11.8 | | | 21.0 | | | | | | 22.4 | 44.8 | 7.1 | 915 |
| | 12-14 | 13.9 | | | 33.9 | | | | | | 26.9 | 25.3 | 6.0 | 924 |
| | 15-17 | 12.9 | | | 37.8 | | | | | | 28.0 | 21.3 | 5.8 | 912 |
| | 18-20 | 12.7 | | | 33.5 | | | | | | 29.6 | 24.2 | 6.1 | 810 |
| | 21-23 | 30.9 | | | 26.9 | | | | | | 17.7 | 24.5 | 4.9 | 767 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.9 | | | 26.5 | | | | | | 22.6 | 33.1 | 6.1 | 6568 |

SKY COVER

JUN
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUN | 00-02 | 50.3 | | | 22.4 | | | | | | 12.2 | 15.0 | 3.3 | 638 |
| | 03-05 | 32.3 | | | 22.0 | | | | | | 19.1 | 26.6 | 5.0 | 687 |
| | 06-08 | 12.3 | | | 24.0 | | | | | | 22.7 | 40.9 | 6.9 | 853 |
| | 09-11 | 12.2 | | | 31.6 | | | | | | 25.6 | 30.5 | 6.3 | 891 |
| | 12-14 | 11.7 | | | 54.7 | | | | | | 22.4 | 11.2 | 4.8 | 899 |
| | 15-17 | 13.7 | | | 57.8 | | | | | | 21.1 | 7.4 | 4.4 | 886 |
| | 18-20 | 20.0 | | | 42.5 | | | | | | 26.0 | 11.5 | 4.8 | 816 |
| | 21-23 | 41.0 | | | 31.7 | | | | | | 13.8 | 13.5 | 3.5 | 761 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.2 | | | 35.8 | | | | | | 20.4 | 19.6 | 4.9 | 6431 |

SKY COVER

JUL
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 54.7 | | | 21.5 | | | | | | 11.0 | 12.8 | 2.9 | 665 |
| | 03-05 | 46.4 | | | 23.3 | | | | | | 14.6 | 15.6 | 3.6 | 704 |
| | 06-08 | 17.0 | | | 35.2 | | | | | | 19.3 | 28.5 | 5.6 | 881 |
| | 09-11 | 15.9 | | | 36.4 | | | | | | 24.5 | 23.3 | 5.6 | 916 |
| | 12-14 | 8.7 | | | 57.8 | | | | | | 22.5 | 11.0 | 4.9 | 924 |
| | 15-17 | 6.4 | | | 58.7 | | | | | | 26.2 | 8.8 | 5.0 | 912 |
| | 18-20 | 10.2 | | | 57.2 | | | | | | 22.1 | 10.5 | 4.8 | 859 |
| | 21-23 | 41.5 | | | 35.3 | | | | | | 13.0 | 10.2 | 3.3 | 805 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.1 | | | 40.7 | | | | | | 19.2 | 15.1 | 4.5 | 6666 |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

AUG
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| AUG | 00-02 | 54.1 | | | 26.5 | | | | | | 14.1 | 5.4 | 2.6 | 669 |
| | 03-05 | 51.1 | | | 22.6 | | | | | | 14.2 | 12.1 | 3.2 | 704 |
| | 06-08 | 17.2 | | | 40.3 | | | | | | 21.9 | 20.7 | 5.2 | 886 |
| | 09-11 | 13.3 | | | 41.2 | | | | | | 26.7 | 18.7 | 5.5 | 924 |
| | 12-14 | 7.5 | | | 58.4 | | | | | | 25.2 | 8.9 | 4.9 | 930 |
| | 15-17 | 4.3 | | | 63.2 | | | | | | 25.5 | 7.0 | 4.9 | 916 |
| | 18-20 | 12.1 | | | 55.9 | | | | | | 24.7 | 7.3 | 4.6 | 859 |
| | 21-23 | 42.4 | | | 35.0 | | | | | | 15.5 | 7.2 | 3.2 | 795 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.3 | | | 42.9 | | | | | | 21.0 | 10.9 | 4.3 | 6683 |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

SEP
MON

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| SEP | 00-02 | 45.3 | | | 24.1 | | | | | | 11.0 | 19.6 | 3.7 | 547 |
| | 03-05 | 47.1 | | | 20.2 | | | | | | 11.9 | 20.8 | 3.8 | 639 |
| | 06-08 | 19.5 | | | 24.7 | | | | | | 22.0 | 33.8 | 6.1 | 841 |
| | 09-11 | 16.0 | | | 29.6 | | | | | | 26.9 | 27.5 | 6.1 | 881 |
| | 12-14 | 12.6 | | | 46.6 | | | | | | 25.8 | 14.9 | 5.2 | 894 |
| | 15-17 | 12.5 | | | 49.4 | | | | | | 25.9 | 12.2 | 5.0 | 878 |
| | 18-20 | 20.5 | | | 42.5 | | | | | | 22.9 | 14.1 | 4.7 | 815 |
| | 21-23 | 42.8 | | | 29.7 | | | | | | 12.9 | 14.5 | 3.5 | 750 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 27.0 | | | 33.4 | | | | | | 19.9 | 19.7 | 4.8 | 6245 |

FORM 0.9-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

OCT
MONTH

| MONTH | HOURS [L.S.T.] | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | | |
|--------|-------------------|---|---|---|------|---|---|---|---|--------------------------------|-------------------------|-----|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | 8 | 9 |
| OCT | 00-02 | 57.9 | | | 19.2 | | | | | 6.6 | 16.3 | 2.8 | 577 |
| | 03-05 | 45.1 | | | 20.5 | | | | | 9.9 | 24.6 | 4.0 | 659 |
| | 06-08 | 22.3 | | | 26.8 | | | | | 13.8 | 37.2 | 5.6 | 871 |
| | 09-11 | 17.2 | | | 27.3 | | | | | 19.5 | 36.1 | 6.2 | 909 |
| | 12-14 | 20.3 | | | 38.8 | | | | | 19.8 | 21.0 | 5.1 | 917 |
| | 15-17 | 23.6 | | | 40.3 | | | | | 19.9 | 16.2 | 4.6 | 908 |
| | 18-20 | 34.9 | | | 34.4 | | | | | 15.4 | 15.3 | 3.9 | 845 |
| | 21-23 | 52.2 | | | 24.1 | | | | | 7.9 | 15.7 | 3.0 | 781 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 34.2 | | | 28.9 | | | | | 14.1 | 22.8 | 4.4 | 6467 |

SKY COVER

NOV
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| NOV | 00-02 | 51.7 | | | 18.6 | | | | | | 6.4 | 23.3 | 3.5 | 596 |
| | 03-05 | 49.1 | | | 11.9 | | | | | | 6.3 | 32.7 | 4.2 | 572 |
| | 06-08 | 34.4 | | | 18.0 | | | | | | 9.8 | 37.8 | 5.2 | 837 |
| | 09-11 | 26.0 | | | 20.6 | | | | | | 13.4 | 40.1 | 5.8 | 866 |
| | 12-14 | 29.7 | | | 26.9 | | | | | | 18.7 | 24.6 | 5.0 | 891 |
| | 15-17 | 29.5 | | | 29.8 | | | | | | 21.1 | 19.6 | 4.8 | 889 |
| | 18-20 | 38.7 | | | 28.0 | | | | | | 14.3 | 19.0 | 4.0 | 820 |
| | 21-23 | 53.0 | | | 18.8 | | | | | | 10.5 | 17.7 | 3.3 | 741 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 39.0 | | | 21.6 | | | | | | 12.6 | 26.9 | 4.5 | 6212 |

SKY COVER

DEC
MONTH

| MONTH | HOURS [LST] | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS | | | |
|--------|----------------|---|---|---|------|---|---|---|---|--------------------------------|-----------------------|------|-----|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | 8 | 9 | 10 |
| DEC | 00-02 | 43.4 | | | 18.0 | | | | | | 9.2 | 29.3 | 4.3 | 617 |
| | 03-05 | 40.6 | | | 14.6 | | | | | | 6.8 | 38.0 | 4.9 | 589 |
| | 06-08 | 27.3 | | | 20.4 | | | | | | 12.3 | 39.9 | 5.7 | 827 |
| | 09-11 | 23.0 | | | 21.1 | | | | | | 14.8 | 41.0 | 6.1 | 877 |
| | 12-14 | 22.1 | | | 25.0 | | | | | | 18.4 | 34.4 | 5.9 | 900 |
| | 15-17 | 26.4 | | | 27.0 | | | | | | 22.1 | 24.5 | 5.3 | 894 |
| | 18-20 | 31.9 | | | 27.4 | | | | | | 18.7 | 22.0 | 4.7 | 808 |
| | 21-23 | 43.0 | | | 19.2 | | | | | | 13.3 | 24.5 | 4.2 | 746 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 32.2 | | | 21.6 | | | | | | 14.5 | 31.7 | 5.1 | 6258 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

SKY COVER

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-81
PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-----------------------|-------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | ALL | 25.4 | | | 17.8 | | | | | | 14.6 | 42.3 | 6.1 | 6411 |
| FEB | | 29.5 | | | 21.1 | | | | | | 13.8 | 35.7 | 5.5 | 6011 |
| MAR | | 25.8 | | | 23.9 | | | | | | 16.7 | 33.5 | 5.6 | 6756 |
| APR | | 21.9 | | | 23.0 | | | | | | 18.4 | 36.8 | 6.0 | 6544 |
| MAY | | 17.9 | | | 26.5 | | | | | | 22.6 | 33.1 | 6.1 | 6568 |
| JUN | | 24.2 | | | 35.8 | | | | | | 20.4 | 19.6 | 4.9 | 6431 |
| JUL | | 25.1 | | | 40.7 | | | | | | 19.2 | 15.1 | 4.5 | 6666 |
| AUG | | 25.3 | | | 42.9 | | | | | | 21.0 | 10.9 | 4.3 | 6683 |
| SEP | | 27.0 | | | 33.4 | | | | | | 19.9 | 19.7 | 4.8 | 6245 |
| OCT | | 34.2 | | | 28.9 | | | | | | 14.1 | 22.8 | 4.4 | 6467 |
| NOV | | 39.0 | | | 21.6 | | | | | | 12.6 | 26.9 | 4.5 | 6212 |
| DEC | | 32.2 | | | 21.6 | | | | | | 14.5 | 31.7 | 5.1 | 6258 |
| TOTALS | | 27.3 | | | 28.1 | | | | | | 17.3 | 27.3 | 5.2 | 77252 |

USAFETAC

FORM
JUL 64

0.9-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to points of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

722615 LAUGHLIN AFB TX

STATION

STATION NAME

43-45, 53-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 110 | | | | | | .1 | .1 | | | | | | .0 |
| 105 | | | | | | 1.8 | 2.1 | .7 | | | | | .4 |
| 100 | | | .3 | .3 | 1.9 | 9.2 | 23.1 | 17.5 | 2.9 | .3 | | | 4.9 |
| 95 | | | 1.1 | 4.4 | 12.2 | 40.8 | 64.4 | 61.4 | 21.6 | 1.6 | | | 18.0 |
| 90 | | .6 | 4.6 | 17.0 | 36.7 | 76.6 | 88.7 | 86.9 | 57.7 | 9.1 | .4 | .1 | 32.5 |
| 85 | .3 | 3.8 | 14.2 | 42.0 | 65.0 | 92.9 | 96.9 | 95.3 | 80.7 | 32.1 | 3.4 | .6 | 45.0 |
| 80 | 2.8 | 11.6 | 32.6 | 65.3 | 86.2 | 97.2 | 99.3 | 98.7 | 91.6 | 59.9 | 11.4 | 1.4 | 56.0 |
| 75 | 9.8 | 22.9 | 52.5 | 84.0 | 95.9 | 99.8 | 99.8 | 99.8 | 96.4 | 81.5 | 34.2 | 9.6 | 66.5 |
| 70 | 21.3 | 40.5 | 71.0 | 93.4 | 98.7 | 100.0 | 100.0 | 100.0 | 98.6 | 91.8 | 56.7 | 24.4 | 75.5 |
| 65 | 37.3 | 57.3 | 83.2 | 97.4 | 99.8 | | | | 99.5 | 96.4 | 72.7 | 43.5 | 82.8 |
| 60 | 57.5 | 72.4 | 91.5 | 99.0 | 100.0 | | | | 99.8 | 98.9 | 85.0 | 66.4 | 89.6 |
| 55 | 71.9 | 82.9 | 95.8 | 99.8 | | | | | 99.9 | 99.8 | 92.7 | 81.0 | 93.9 |
| 50 | 82.9 | 92.4 | 98.3 | 100.0 | | | | | 100.0 | 99.9 | 97.3 | 91.0 | 96.9 |
| 45 | 91.9 | 97.9 | 99.8 | | | | | | | 100.0 | 99.3 | 96.0 | 98.8 |
| 40 | 97.4 | 99.3 | 100.0 | | | | | | | | 99.8 | 99.0 | 99.6 |
| 35 | 99.2 | 99.9 | | | | | | | | | 100.0 | 99.9 | 99.9 |
| 30 | 99.8 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| 25 | 100.0 | | | | | | | | | | | | 100.0 |
| 20 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| MEAN | 60.6 | 66.0 | 74.2 | 82.1 | 86.8 | 92.8 | 95.7 | 95.0 | 89.3 | 80.5 | 69.6 | 62.7 | 79.6 |
| S.D. | 10.739 | 10.943 | 10.150 | 7.677 | 6.658 | 5.650 | 5.179 | 5.247 | 6.776 | 7.497 | 9.337 | 9.310 | 14.660 |
| TOTAL OBS | 916 | 843 | 945 | 926 | 951 | 932 | 983 | 992 | 917 | 926 | 891 | 904 | 11126 |

CLIMATE CLIMATOLOGY BRANCH
USAFETAC

AIR WEATHER SERVICE/MAC

722615 LAUGHLIN AFB TX

STATION STATION NAME

43-45, 53-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 85 | | | | | .1 | .6 | .5 | .3 | | | | | .1 |
| 80 | | | | | .5 | 4.1 | 10.0 | 7.2 | .9 | | | | 2.0 |
| 75 | | | .1 | .2 | 7.3 | 38.5 | 63.4 | 58.2 | 21.5 | 2.1 | .1 | | 16.6 |
| 70 | | | .5 | 10.4 | 35.1 | 80.9 | 97.6 | 94.2 | 64.6 | 15.9 | .9 | | 34.4 |
| 65 | .3 | .4 | 6.8 | 34.0 | 71.1 | 95.9 | 99.9 | 99.9 | 83.8 | 37.6 | 5.5 | .4 | 45.8 |
| 60 | 2.7 | 5.3 | 22.5 | 59.5 | 89.2 | 98.6 | 100.0 | 100.0 | 95.1 | 57.2 | 16.2 | 2.4 | 55.2 |
| 55 | 6.0 | 15.1 | 41.2 | 78.8 | 97.0 | 99.9 | | | 98.5 | 75.4 | 30.8 | 9.0 | 63.7 |
| 50 | 16.4 | 31.0 | 58.7 | 90.7 | 98.9 | 100.0 | | | 99.8 | 89.6 | 49.0 | 21.1 | 72.1 |
| 45 | 29.7 | 49.8 | 77.2 | 96.1 | 99.9 | | | | 100.0 | 96.9 | 69.0 | 36.1 | 80.2 |
| 40 | 52.0 | 70.7 | 89.4 | 98.9 | 100.0 | | | | | 99.2 | 83.4 | 58.8 | 88.1 |
| 35 | 73.8 | 85.3 | 96.1 | 99.7 | | | | | | 99.8 | 93.4 | 81.6 | 94.3 |
| 30 | 79.7 | 89.9 | 97.5 | 99.8 | | | | | | 100.0 | 96.0 | 87.3 | 96.0 |
| 25 | 88.1 | 95.4 | 98.9 | 100.0 | | | | | | | 98.4 | 93.5 | 97.9 |
| 20 | 95.1 | 98.8 | 100.0 | | | | | | | | 99.6 | 99.0 | 99.4 |
| 15 | 98.8 | 99.8 | | | | | | | | | 100.0 | 99.9 | 99.9 |
| 10 | 99.9 | | | | | | | | | | | 100.0 | 100.0 |
| 5 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 40.1 | 44.5 | 51.5 | 60.4 | 67.0 | 72.9 | 75.4 | 74.9 | 70.2 | 60.6 | 49.3 | 42.1 | 59.1 |
| S.D. | 9.253 | 9.119 | 9.140 | 7.715 | 5.869 | 4.494 | 3.184 | 3.391 | 5.574 | 8.338 | 9.548 | 8.548 | 14.588 |
| TOTAL OBS. | 916 | 843 | 945 | 926 | 951 | 931 | 983 | 992 | 917 | 926 | 891 | 904 | 11125 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
722615 LAUGHLIN AFB TX
STATION STATION NAME

DAILY TEMPERATURES

53-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 95 | | | | | | .5 | .3 | | | | | | .1 |
| 90 | | | | | .5 | 6.4 | 13.4 | 9.5 | .4 | | | | 2.6 |
| 85 | | | .2 | .7 | 7.2 | 40.4 | 65.5 | 59.5 | 19.0 | .8 | | | 16.6 |
| 80 | | | 1.5 | 10.8 | 34.4 | 79.4 | 94.0 | 90.9 | 61.9 | 10.5 | | | 32.6 |
| 75 | | .4 | 8.0 | 35.4 | 69.9 | 95.2 | 99.1 | 98.8 | 86.1 | 35.4 | 1.8 | | 44.9 |
| 70 | .8 | 5.7 | 24.8 | 64.1 | 91.6 | 99.3 | 99.9 | 99.8 | 95.3 | 58.8 | 12.3 | .6 | 55.1 |
| 65 | 5.4 | 15.5 | 47.0 | 84.8 | 98.1 | 100.0 | 100.0 | 100.0 | 98.6 | 80.9 | 30.9 | 7.2 | 64.7 |
| 60 | 17.1 | 34.6 | 65.9 | 93.7 | 100.0 | | | | 99.5 | 93.2 | 55.0 | 21.0 | 73.8 |
| 55 | 33.4 | 54.0 | 81.4 | 98.6 | | | | | 99.9 | 98.1 | 73.6 | 40.4 | 82.0 |
| 50 | 54.8 | 73.4 | 92.2 | 99.8 | | | | | 100.0 | 99.9 | 86.6 | 67.5 | 89.7 |
| 45 | 75.1 | 88.9 | 97.5 | 100.0 | | | | | | 100.0 | 95.2 | 85.4 | 95.2 |
| 40 | 88.8 | 95.8 | 98.8 | | | | | | | | 98.9 | 95.1 | 98.1 |
| 35 | 96.0 | 99.2 | 100.0 | | | | | | | | 99.8 | 99.6 | 99.6 |
| 30 | 98.9 | 100.0 | | | | | | | | | 100.0 | 100.0 | 99.9 |
| 25 | 99.8 | | | | | | | | | | | | 100.0 |
| 20 | 100.0 | | | | | | | | | | | | 100.0 |
| 15 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| MEAN | 50.5 | 55.3 | 62.9 | 71.4 | 77.1 | 83.0 | 85.6 | 85.0 | 80.0 | 70.9 | 59.7 | 52.8 | 69.5 |
| S.D. | 8.971 | 8.898 | 8.799 | 6.789 | 5.388 | 4.672 | 3.852 | 3.884 | 5.457 | 7.155 | 8.372 | 7.669 | 14.163 |
| TOTAL OBS. | 854 | 783 | 864 | 836 | 858 | 841 | 890 | 899 | 833 | 864 | 831 | 842 | 10195 |

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX

43-45, 53-81

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|------|------|-----|------|------|------|------|------|------|------|---------------|
| 43 | | * 67* | 91 | 97 | 99 | 101 | 105 | 107 | 99 | 88 | 84 | 74 | |
| 44 | 77 | 81 | 89 | 95 | 97 | 99 | 110 | 104 | 97 | 90 | 84 | 72 | 110 |
| 45 | 79 | 86 | 89 | 97 | 101 | 105 | 105 | 106* | 102 | | | | |
| 53 | | | | | * | 102 | 102 | 105 | 102 | 94 | 85 | 74 | |
| 54 | 80 | 92 | 102 | 90 | 95 | 99 | 109 | 102 | 100 | 94 | 85 | 83 | 109 |
| 55 | 77 | 79 | 96 | 98 | 102 | 101 | 101 | 102 | 94 | 95 | 90 | 89 | 102 |
| 56 | 80 | 88 | 95 | 95 | 98 | 105 | 101 | 102 | 99 | 102 | 81 | 79 | 105 |
| 57 | 78 | 93 | 88 | 91 | 97 | 100 | 104 | 103 | 98 | 92 | 81 | 76 | 104 |
| 58 | 77 | 79 | 78 | 98 | 97 | 101 | 101 | 101 | 96 | 92 | 84 | 79 | 101 |
| 59 | 82 | 93 | 90 | 92 | 99 | 100 | 101 | 102 | 103 | 92 | 85 | 77 | 103 |
| 60 | 80 | 92 | 90 | 96 | 99 | 108 | 108 | 99 | 100 | 97 | 85 | 70 | 108 |
| 61 | 75 | 81 | 89 | 95 | 98 | 98 | 97 | 97 | 99 | 90 | 84 | 76 | 99 |
| 62 | 78 | 89 | 87 | 95 | 97 | 97 | 103 | 104 | 103 | 95 | 86 | 76 | 104 |
| 63 | 83 | 89 | 93 | 101 | 92 | 98 | 101 | 100 | 103 | 90 | 88* | 76 | 103 |
| 64 | * 76* | 73* | 84* | 94* | 97* | 101* | 104 | 103* | 97 | 85* | 80* | 76 | * 104 |
| 65 | * 81 | 80 | 83 | 97* | 93 | 100* | 104 | 103* | 100 | 89* | 85* | 75 | * 104 |
| 66 | * 68* | 74 | 83 | 92* | 101 | 95* | 101 | 101* | 96 | 90* | 81* | 79 | * 101 |
| 67 | * 80* | 75 | 95 | 96* | 102 | 100* | 102 | 101* | 91 | 84* | 86* | 74 | * 102 |
| 68 | * 74 | 76 | 80 | 92* | 96 | 100* | 97 | 100* | 100 | 92 | 86 | 74 | 100 |
| 69 | 83 | 86 | 89 | 88 | 98 | 108 | 103 | 107 | 92 | 91 | 91 | 73 | 108 |
| 70 | 74 | 80 | 81 | 92 | 93 | 104 | 106 | 104 | 99 | 90 | 87 | 78 | 106 |
| 71 | 88 | 85 | 101 | 95 | 97 | 98 | 95 | 91 | 97 | 86 | 81 | 79 | 101 |
| 72 | 84 | 90 | 93 | 100 | 91 | 102 | 100 | 95 | 97 | 92 | 86 | 79 | 102 |
| 73 | 75 | 75 | 85 | 93* | 103 | 99* | 95 | 100* | 98* | 88* | 81* | 83 | * 103 |
| 74 | * 83* | 88 | 96 | 97* | 104 | 104* | 103 | 100* | 93* | 86* | 80* | 76 | * 104 |
| 75 | * 82 | 80 | 94 | 89 | 90 | 102 | 99 | 98 | 98 | 91 | 90 | 79 | 102 |
| 76 | 86 | 89 | 93 | 92 | 96 | 99 | 98 | 99 | 98 | 90 | 78 | 75 | 99 |
| 77 | 78 | 85 | 86 | 86 | 87 | 96 | 102 | 107 | 103 | 101 | 86 | 90 | 107 |
| 78 | 75 | 85 | 88 | 98 | 101 | 100 | 103 | 101 | 93 | 89 | 83 | 78 | 103 |
| 79 | 71 | 84 | 85 | 91 | 103 | 95 | 103 | 98 | 101 | 102 | 85 | 79 | 103 |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) (AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OLA) (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722615

LAUGHLIN AFB TX

43-45, 53-81

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|------|------|------|-----|------|------|------|------|------|------|------|---------------|
| 43 | * | 35* | 33 | 55 | 58 | 65 | 71 | 76 | 59 | 48 | 36 | 29 | |
| 44 | 24 | 31 | 35 | 42 | 46 | 64 | 66 | 61 | 60 | 47 | 31 | 27 | 24 |
| 45 | 30 | 33 | 39 | 32 | 54 | 63 | 71 | 69* | 52 | | | | |
| 53 | | | | | * | 77 | 76 | 70 | 61 | 50 | 37 | 22 | |
| 54 | 28 | 32 | 31 | 50 | 48 | 70 | 68 | 72 | 60 | 40 | 35 | 27 | 27 |
| 55 | 27 | 24 | 29 | 51 | 59 | 57 | 70 | 72 | 65 | 41 | 31 | 29 | 24 |
| 56 | 27 | 24 | 33 | 47 | 58 | 72 | 72 | 70 | 59 | 47 | 32 | 31 | 24 |
| 57 | 24 | 45 | 42 | 40 | 57 | 64 | 72 | 72 | 59 | 41 | 32 | 27 | 24 |
| 58 | 29 | 32 | 39 | 46 | 55 | 68 | 69 | 66 | 60 | 46 | 33 | 24 | 24 |
| 59 | 21 | 28 | 28 | 43 | 62 | 66 | 68 | 70 | 60 | 42 | 26 | 27 | 21 |
| 60 | 24 | 22 | 32 | 39 | 53 | 66 | 71 | 70 | 59 | 44 | 33 | 29 | 22 |
| 61 | 25 | 28 | 39 | 41 | 56 | 65 | 70 | 65 | 58 | 48 | 36 | 27 | 25 |
| 62 | 8 | 30 | 27 | 40 | 51 | 63 | 70 | 69 | 58 | 46 | 34 | 32 | 8 |
| 63 | 13 | 25 | 35 | 48 | 58 | 70 | 70 | 71 | 57 | 51 | 29* | 22 | 13 |
| 64 | * 20* | 32* | 34* | 42* | 64* | 56* | 73 | 72* | 60 | 43* | 36* | 25 | * 20 |
| 65 | * 29 | 28 | 25 | 51* | 61 | 65* | 71 | 69* | 58 | 43* | 34* | 34 | 25 |
| 66 | * 24* | 26 | 30 | 44* | 56 | 59* | 68 | 65* | 62 | 42* | 30* | 19 | * 19 |
| 67 | * 22* | 24 | 35 | 58* | 51 | 66* | 71 | 68* | 50 | 43* | 38* | 26 | * 22 |
| 68 | * 27 | 31 | 32 | 42* | 55 | 63* | 69 | 70* | 57 | 48 | 34 | 25 | 25 |
| 69 | 25 | 36 | 33 | 53 | 56 | 64 | 72 | 69 | 61 | 46 | 24 | 28 | 24 |
| 70 | 17 | 24 | 33 | 38 | 44 | 51 | 71 | 69 | 49 | 33 | 24 | 32 | 17 |
| 71 | 23 | 18 | 30 | 35 | 50 | 67 | 69 | 67 | 49 | 52 | 37 | 35 | 18 |
| 72 | 18 | 25 | 38 | 44 | 56 | 57 | 70 | 67 | 59 | 48 | 30 | 22 | 18 |
| 73 | 18 | 23 | 40 | 30* | 48 | 60* | 69 | 65* | 57* | 50* | 33* | 26 | 18 |
| 74 | * 24* | 30 | 42 | 43* | 60 | 64* | 70 | 68* | 52* | 40* | 36* | 27 | * 24 |
| 75 | * 22 | 29 | 35 | 36 | 57 | 59 | 64 | 70 | 51 | 46 | 26 | 27 | * 22 |
| 76 | 18 | 29 | 42 | 42 | 49 | 66 | 69 | 69 | 56 | 34 | 22 | 26 | 18 |
| 77 | 17 | 29 | 30 | 41 | 58 | 60 | 66 | 75 | 70 | 41 | 32 | 30 | 17 |
| 78 | 23 | 25 | 27 | 48 | 49 | 67 | 70 | 68 | 58 | 49 | 37 | 25 | 23 |
| 79 | 19 | 29 | 34 | 43 | 46 | 55 | 70 | 65 | 54 | 39 | 26 | 26 | 19 |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM 0-88-5 (OLA) (AT LEAST ONE DAY LESS THAN 24 OBS)
JUL 64

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 66/ 67 | | .5 | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| 64/ 63 | | | .5 | .2 | | | | | | | | | | | | | | 4 | 4 | 3 | | | | | | | | | | | | |
| 62/ 61 | .6 | | | | | .2 | | | | | | | | | | | | 5 | 5 | 4 | | | | | | | | | | | | |
| 61/ 59 | | | .2 | | | .2 | | | | | | | | | | | | 2 | 2 | 1 | | | | | | | | | | | | |
| 58/ 57 | | .5 | .2 | 1.0 | .5 | .6 | | .2 | | | | | | | | | | 18 | 18 | 1 | | | | | | | | | | | | |
| 56/ 55 | .6 | .3 | .3 | .6 | .8 | .2 | .6 | .2 | | | | | | | | | | 23 | 23 | 8 | | | | | | | | | | | | |
| 54/ 53 | .5 | 1.0 | 1.0 | .6 | 1.3 | .6 | .6 | .3 | | | | | | | | | | 37 | 37 | 7 | | | | | | | | | | | | |
| 52/ 51 | .2 | 1.3 | 1.0 | 1.0 | .8 | .8 | .3 | .2 | | | | | | | | | | 34 | 34 | 23 | | | | | | | | | | | | |
| 50/ 49 | .5 | .8 | 2.4 | 2.6 | 1.3 | .5 | | | | | | | | | | | | 50 | 50 | 22 | | | | | | | | | | | | |
| 48/ 47 | .6 | 1.8 | 1.9 | 1.3 | 1.3 | .8 | .2 | | | | | | | | | | | 49 | 49 | 37 | | | | | | | | | | | | |
| 44/ 45 | 1.3 | 1.9 | 1.3 | 1.9 | 1.3 | 1.0 | | | | | | | | | | | | 54 | 54 | 44 | | | | | | | | | | | | |
| 44/ 43 | .5 | 3.9 | 1.8 | 2.1 | .3 | .5 | | | | | | | | | | | | 56 | 56 | 67 | | | | | | | | | | | | |
| 42/ 41 | 1.0 | 2.6 | 2.9 | 2.1 | 1.1 | .2 | | | | | | | | | | | | 61 | 61 | 55 | | | | | | | | | | | | |
| 40/ 39 | 1.1 | 1.6 | 3.1 | 1.6 | .6 | | | | | | | | | | | | | 50 | 50 | 69 | | | | | | | | | | | | |
| 38/ 37 | .5 | 4.2 | 1.6 | 1.3 | .5 | | | | | | | | | | | | | 50 | 50 | 64 | | | | | | | | | | | | |
| 36/ 35 | .3 | 1.3 | 2.6 | 1.0 | .2 | | | | | | | | | | | | | 33 | 33 | 52 | | | | | | | | | | | | |
| 34/ 33 | .3 | .3 | 2.3 | 1.4 | .5 | | | | | | | | | | | | | 30 | 30 | 44 | | | | | | | | | | | | |
| 32/ 31 | .5 | 1.4 | 2.3 | 1.0 | .2 | | | | | | | | | | | | | 33 | 33 | 5 | | | | | | | | | | | | |
| 30/ 29 | .2 | .5 | .3 | .3 | .2 | | | | | | | | | | | | | 9 | 9 | 30 | | | | | | | | | | | | |
| 28/ 27 | | 1.0 | .6 | .3 | | | | | | | | | | | | | | 12 | 12 | 24 | | | | | | | | | | | | |
| 26/ 25 | | .2 | .6 | .2 | | | | | | | | | | | | | | 6 | 6 | 18 | | | | | | | | | | | | |
| 24/ 23 | | .2 | .2 | | | | | | | | | | | | | | | 2 | 2 | 5 | | | | | | | | | | | | |
| 22/ 21 | | .2 | | | | | | | | | | | | | | | | 1 | 1 | 8 | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |

| Element (X) | ΣH^2 | ΣH | Σ | σ_A | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|-------------|--------------|------------|----------|------------|----------|------------------------------------|--------|--------|--------|--|--|
| Rel. Hum. | | | | | | ≤ 6 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70.73.76-81
YEARS

JAN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|----------|------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 67 / 67 | | .5 | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | |
| 66 / 65 | | | | | | | | | | | | | | | | | | | | 3 | 1 | | | | | | | | | | |
| 64 / 63 | .3 | .5 | | | | | | | | | | | | | | | | 5 | 5 | 2 | 4 | | | | | | | | | | |
| 62 / 61 | .2 | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 2 | | | | | | | | | | |
| 60 / 59 | .2 | | | .2 | | | | | | | | | | | | | | 2 | 2 | 1 | 3 | | | | | | | | | | |
| 58 / 57 | .2 | .5 | .2 | .5 | .2 | | | | | | | | | | | | | 9 | 9 | 1 | 1 | | | | | | | | | | |
| 56 / 55 | .6 | .6 | .6 | 1.3 | | | | | .2 | | | | | | | | | 21 | 21 | 8 | 7 | | | | | | | | | | |
| 54 / 53 | | .8 | 1.0 | .3 | .2 | .2 | .3 | .2 | | | | | | | | | | 18 | 18 | 9 | 3 | | | | | | | | | | |
| 52 / 51 | .6 | 1.0 | 1.1 | .8 | 1.0 | .2 | .5 | | | | | | | | | | | 32 | 32 | 22 | 12 | | | | | | | | | | |
| 50 / 49 | .6 | 1.5 | 1.3 | 1.5 | .6 | .2 | .3 | | | | | | | | | | | 37 | 37 | 18 | 11 | | | | | | | | | | |
| 48 / 47 | .8 | .5 | 2.3 | 1.6 | 1.1 | 1.1 | | | | | | | | | | | | 46 | 46 | 26 | 23 | | | | | | | | | | |
| 46 / 45 | .3 | 3.7 | 1.6 | 1.3 | 1.0 | | | | | | | | | | | | | 49 | 49 | 27 | 29 | | | | | | | | | | |
| 44 / 43 | 1.8 | 2.9 | 1.9 | 3.1 | .2 | .3 | | | | | | | | | | | | 63 | 63 | 60 | 24 | | | | | | | | | | |
| 42 / 41 | .5 | 3.1 | 3.2 | 1.5 | .8 | .2 | | | | | | | | | | | | 57 | 57 | 54 | 28 | | | | | | | | | | |
| 40 / 39 | 2.9 | 1.5 | 3.1 | 1.6 | .5 | | | | | | | | | | | | | 59 | 59 | 70 | 59 | | | | | | | | | | |
| 38 / 37 | .8 | 3.7 | 1.9 | .8 | .3 | | | | | | | | | | | | | 47 | 47 | 62 | 34 | | | | | | | | | | |
| 36 / 35 | 1.1 | 2.9 | 3.7 | .6 | | | | | | | | | | | | | | 52 | 52 | 59 | 49 | | | | | | | | | | |
| 34 / 33 | .2 | 1.3 | 3.9 | | | | | | | | | | | | | | | 33 | 33 | 47 | 39 | | | | | | | | | | |
| 32 / 31 | .3 | 1.1 | 2.4 | 1.1 | | | | | | | | | | | | | | 31 | 31 | 46 | 67 | | | | | | | | | | |
| 30 / 29 | .3 | 1.3 | 1.5 | .5 | | | | | | | | | | | | | | 22 | 22 | 33 | 27 | | | | | | | | | | |
| 28 / 27 | | .5 | 1.3 | .3 | | | | | | | | | | | | | | 13 | 13 | 23 | 34 | | | | | | | | | | |
| 26 / 25 | | .8 | .3 | .3 | | | | | | | | | | | | | | 9 | 9 | 20 | 48 | | | | | | | | | | |
| 24 / 23 | | .3 | | .2 | | | | | | | | | | | | | | 3 | 3 | 8 | 24 | | | | | | | | | | |
| 22 / 21 | | .3 | .5 | | | | | | | | | | | | | | | 5 | 5 | 7 | 24 | | | | | | | | | | |
| 20 / 19 | | .5 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 18 | | | | | | | | | | |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | 4 | 21 | | | | | | | | | | |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | |
| 14 / 13 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| 10 / 9 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 6 / 5 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

○

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70, 73, 76-81

YEARS

JAN
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | + 31 | D.B.W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| TOTAL | 11.5 | 29.7 | 31.8 | 17.4 | 5.8 | 2.1 | 1.1 | .3 | | | | | | | | | | 620 | 620 | 620 | 620 | | | | | | | | | | | |
| Element (X) | Z _X ² | Z _X | X̄ | S _X | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rai. Hum. | 3620546 | 46242 | 74.6 | 16.652 | 620 | = 0 F | = 32 F | = 67 F | = 73 F | = 80 F | = 93 F | Total | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 1120403 | 25843 | 41.7 | 8.355 | 620 | | 12.9 | .5 | | | | 93 | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 956944 | 23814 | 38.4 | 8.262 | 620 | | 22.1 | | | | | 93 | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 769258 | 20836 | 33.6 | 10.561 | 620 | | 43.7 | | | | | 93 | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTA

PAGE 1 0600-0800
HOURS (L. S. T.)

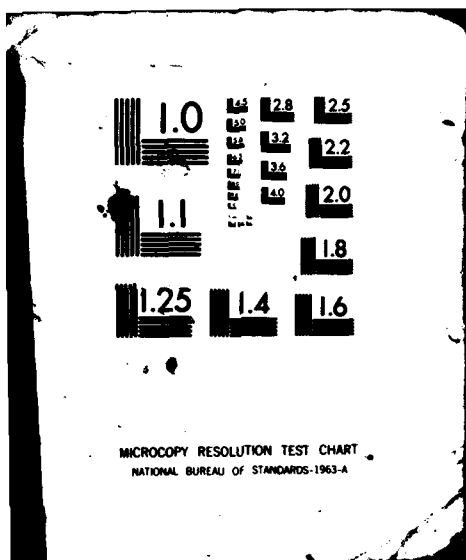
| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 66/ 65 | | .7 | | | | | | | | | | | | | | | | 6 | 6 | 5 | 1 | | | | | | | | | | | | | |
| 64/ 63 | | 1.3 | | | | | | | | | | | | | | | | 11 | 11 | 1 | 5 | | | | | | | | | | | | | |
| 62/ 61 | | .7 | .1 | | | | | | | | | | | | | | | 7 | 7 | 13 | 8 | | | | | | | | | | | | | |
| 60/ 59 | .3 | .3 | | | | | | | | | | | | | | | | 6 | 6 | 10 | 11 | | | | | | | | | | | | | |
| 58/ 57 | .2 | .6 | .2 | .5 | | | | | | | | | | | | | | 13 | 13 | 3 | 6 | | | | | | | | | | | | | |
| 56/ 55 | .5 | .8 | .2 | .5 | | .2 | | | | | | | | | | | | 19 | 19 | 14 | 13 | | | | | | | | | | | | | |
| 54/ 53 | | 1.3 | .8 | .2 | .1 | | .5 | | | | | | | | | | | 25 | 25 | 8 | 5 | | | | | | | | | | | | | |
| 52/ 51 | .6 | 1.7 | .9 | .5 | .2 | | 1.0 | | | | | | | | | | | 43 | 43 | 28 | 17 | | | | | | | | | | | | | |
| 50/ 49 | 1.1 | 1.3 | 1.0 | 1.5 | .7 | .9 | .2 | | | | | | | | | | | 59 | 59 | 30 | 29 | | | | | | | | | | | | | |
| 48/ 47 | 1.3 | 1.6 | 1.3 | 1.0 | .7 | .3 | .2 | | | | | | | | | | | 56 | 56 | 40 | 29 | | | | | | | | | | | | | |
| 46/ 45 | .9 | 3.2 | 1.1 | 1.4 | .7 | .2 | | | | | | | | | | | | 66 | 66 | 38 | 31 | | | | | | | | | | | | | |
| 44/ 43 | 1.4 | 3.3 | 1.8 | 2.3 | .2 | .1 | | | | | | | | | | | | 80 | 80 | 67 | 41 | | | | | | | | | | | | | |
| 42/ 41 | 1.0 | 4.1 | 2.4 | 1.4 | .8 | | | | | | | | | | | | | 85 | 85 | 74 | 43 | | | | | | | | | | | | | |
| 40/ 39 | 1.7 | 3.1 | 1.7 | .8 | | | | | | | | | | | | | | 64 | 64 | 102 | 67 | | | | | | | | | | | | | |
| 38/ 37 | 1.6 | 2.6 | 2.1 | .6 | .5 | | | | | | | | | | | | | 64 | 64 | 88 | 48 | | | | | | | | | | | | | |
| 36/ 35 | 1.0 | 2.3 | 2.6 | 1.3 | .1 | | | | | | | | | | | | | 64 | 64 | 65 | 62 | | | | | | | | | | | | | |
| 34/ 33 | .3 | 2.6 | 2.8 | .2 | .1 | | | | | | | | | | | | | 54 | 54 | 48 | 51 | | | | | | | | | | | | | |
| 32/ 31 | .3 | 2.6 | 2.6 | .6 | | | | | | | | | | | | | | 54 | 54 | 61 | 75 | | | | | | | | | | | | | |
| 30/ 29 | .7 | 1.3 | 1.4 | | | | | | | | | | | | | | | 29 | 29 | 72 | 47 | | | | | | | | | | | | | |
| 28/ 27 | .2 | 1.6 | 1.8 | | | | | | | | | | | | | | | 32 | 32 | 33 | 63 | | | | | | | | | | | | | |
| 26/ 25 | | 1.6 | .3 | | | | | | | | | | | | | | | 17 | 17 | 27 | 46 | | | | | | | | | | | | | |
| 24/ 23 | | .5 | .2 | .1 | | | | | | | | | | | | | | 7 | 7 | 27 | 36 | | | | | | | | | | | | | |
| 22/ 21 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 5 | 44 | | | | | | | | | | | | | |
| 20/ 19 | | .7 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 34 | | | | | | | | | | | | | |
| 18/ 17 | | .6 | .2 | | | | | | | | | | | | | | | 7 | 7 | 9 | 23 | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 4 | 17 | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 6/ 3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 4/ 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| TOTAL | 13.2 | 40.4 | 25.9 | 12.6 | 4.1 | 1.8 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (1)
APR 82

SBI-AD-E850 173

NL

4 5



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 71-81 YEARS JAN MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|--------------------|-------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 68/ 67 | | .6 | .2 | | | .2 | | .2 | .1 | .1 | | | | | | | | 13 | 13 | | |
| 66/ 65 | | .1 | .1 | .2 | .1 | | | .1 | .1 | .1 | | | | | | | | 8 | 8 | 6 | 2 |
| 64/ 63 | .2 | 1.0 | | .7 | .1 | .1 | .2 | .4 | | | | | | | | | | 25 | 25 | 7 | 8 |
| 62/ 61 | .2 | .7 | .2 | .2 | .2 | .2 | .2 | .2 | | .2 | | | | | | | | 22 | 22 | 12 | 11 |
| 60/ 59 | .1 | .3 | 1.0 | .8 | .1 | .8 | .3 | .2 | .4 | .1 | | | | | | | | 32 | 32 | 7 | 6 |
| 58/ 57 | .3 | .7 | .6 | .7 | | .6 | .8 | .4 | .2 | | | | | | | | | 38 | 38 | 21 | 8 |
| 56/ 55 | .3 | 1.8 | .3 | .8 | .7 | 1.0 | .9 | .1 | .2 | | | | | | | | | 49 | 49 | 20 | 14 |
| 54/ 53 | .1 | 1.8 | .9 | .4 | 1.2 | .8 | .6 | .3 | | | | | | | | | | 55 | 55 | 33 | 19 |
| 52/ 51 | .6 | 1.5 | 1.4 | .8 | 1.3 | 1.1 | .9 | .1 | | | | | | | | | | 70 | 70 | 37 | 27 |
| 50/ 49 | .2 | 1.1 | 2.1 | 1.4 | 2.1 | 1.2 | .2 | | | | | | | | | | | 76 | 76 | 42 | 19 |
| 48/ 47 | .8 | 2.3 | 1.5 | 1.5 | .9 | .9 | .3 | | | | | | | | | | | 75 | 75 | 54 | 33 |
| 46/ 45 | .4 | 2.1 | 1.8 | 1.0 | .9 | 1.2 | .1 | | | | | | | | | | | 68 | 68 | 88 | 38 |
| 44/ 43 | .7 | 2.0 | 1.8 | 1.7 | .6 | .6 | .2 | | | | | | | | | | | 82 | 82 | 89 | 43 |
| 42/ 41 | 1.1 | 1.5 | 2.5 | .9 | .3 | .3 | | | | | | | | | | | | 61 | 61 | 106 | 60 |
| 40/ 39 | 1.4 | 1.7 | 1.0 | 1.4 | .6 | .3 | | | | | | | | | | | | 58 | 58 | 91 | 54 |
| 38/ 37 | .8 | 1.7 | .6 | 1.1 | .8 | | | | | | | | | | | | | 44 | 44 | 64 | 62 |
| 36/ 35 | .2 | 1.1 | 2.0 | 1.1 | .3 | | | | | | | | | | | | | 43 | 43 | 51 | 73 |
| 34/ 33 | .1 | .9 | 1.7 | 1.0 | | .1 | | | | | | | | | | | | 34 | 34 | 44 | 65 |
| 32/ 31 | .1 | .6 | 1.1 | 1.1 | .1 | | | | | | | | | | | | | 27 | 27 | 48 | 53 |
| 30/ 29 | .1 | .4 | .9 | .2 | .1 | | | | | | | | | | | | | 16 | 16 | 36 | 53 |
| 28/ 27 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 26 | 33 |
| 26/ 25 | | .2 | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 12 | 45 |
| 24/ 23 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 8 | 32 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 4 | 33 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 27 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 23 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 18 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 11 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 8 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| Element (X) | Σ X ¹ | | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 6 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JAN 71

PSYCHROMETRIC SUMMARY

20-73-011

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-01

YEARS

JAN
MONTH

PAGE 1 1200-1800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|---------------------------------------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | | | | | | | | | .2 | | | | | 2 | 2 | | |
| 78/ 77 | | | | | | | | | | | .1 | .1 | .2 | | | | 9 | 9 | | |
| 76/ 75 | | | | | | | | .2 | .1 | .3 | .3 | .1 | | | | | 10 | 10 | | |
| 74/ 73 | | | | .3 | | .2 | .2 | .1 | .5 | .3 | .3 | | | | | | 19 | 19 | | |
| 72/ 71 | | | .1 | | .1 | .1 | .2 | .4 | .5 | .9 | .2 | .1 | | | | | 25 | 25 | | |
| 70/ 69 | | | .4 | .1 | .2 | .6 | .4 | .3 | .5 | .9 | .4 | .2 | | | | | 39 | 39 | | |
| 68/ 67 | | | .4 | .1 | .6 | .4 | .4 | .2 | .9 | .3 | .4 | | | | | | 36 | 36 | 5 | |
| 66/ 65 | | .3 | .3 | .6 | .4 | .8 | .2 | .6 | .5 | .4 | .1 | | | | | | 41 | 41 | 5 | 3 |
| 64/ 63 | | .5 | | .1 | .9 | .3 | .6 | .2 | .6 | .6 | .1 | | | | | | 38 | 38 | 16 | 11 |
| 62/ 61 | .1 | .4 | .5 | .3 | .4 | .4 | .5 | 1.0 | .9 | .8 | | | | | | | 50 | 50 | 15 | 7 |
| 60/ 59 | .2 | .4 | .6 | .9 | .2 | .9 | .8 | 1.1 | 1.1 | .1 | | | | | | | 58 | 58 | 30 | 10 |
| 58/ 57 | .1 | .4 | .3 | .6 | .4 | 1.3 | .8 | 1.2 | .4 | .1 | | | | | | | 55 | 55 | 33 | 11 |
| 56/ 55 | | 1.0 | .4 | .5 | 1.4 | 1.1 | 1.0 | 1.0 | .2 | | | | | | | | 61 | 61 | 48 | 19 |
| 54/ 53 | .3 | .4 | .6 | 1.5 | 1.6 | 1.0 | .9 | .8 | .1 | | | | | | | | 69 | 69 | 64 | 25 |
| 52/ 51 | .3 | .1 | 1.0 | 1.1 | 1.4 | 1.0 | 1.5 | .2 | | | | | | | | | 61 | 61 | 53 | 34 |
| 50/ 49 | | 1.2 | .9 | 1.2 | 1.5 | .9 | .9 | .4 | | | | | | | | | 62 | 62 | 61 | 22 |
| 48/ 47 | | 1.5 | .4 | .6 | 1.4 | .4 | .8 | .1 | | | | | | | | | 49 | 49 | 85 | 37 |
| 46/ 45 | .2 | 1.1 | 1.3 | 1.1 | .9 | .3 | .6 | | | | | | | | | | 51 | 51 | 101 | 38 |
| 44/ 43 | .2 | 1.8 | .8 | 1.4 | .8 | .8 | .4 | | | | | | | | | | 57 | 57 | 75 | 40 |
| 42/ 41 | .2 | 1.4 | .5 | 1.3 | .1 | .5 | | | | | | | | | | | 38 | 38 | 83 | 45 |
| 40/ 39 | .8 | .4 | .3 | .9 | .8 | .1 | .1 | | | | | | | | | | 31 | 31 | 65 | 77 |
| 38/ 37 | .1 | .3 | .9 | .3 | .5 | .1 | .1 | | | | | | | | | | 22 | 22 | 50 | 55 |
| 36/ 35 | | .2 | 1.3 | .5 | .4 | .1 | | | | | | | | | | | 24 | 24 | 38 | 60 |
| 34/ 33 | | .2 | .8 | .2 | .3 | | | | | | | | | | | | 19 | 19 | 33 | 50 |
| 32/ 31 | .1 | | .1 | .2 | | | | | | | | | | | | | 4 | 4 | 30 | 55 |
| 30/ 29 | | .3 | | | | | | | | | | | | | | | 3 | 3 | 18 | 61 |
| 28/ 27 | | .1 | | | | | | | | | | | | | | | 1 | 1 | 11 | 32 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | 5 | 56 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 25 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 30 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 33 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 15 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 17 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 16 |
| Station (Z) | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Station No. of Hours with Temperature | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | ≤ 60 F | ≤ 62 F | ≤ 64 F |
| Dry Bulb | | | | | | | | | | | | | | | | | | ≤ 66 F | ≤ 68 F | ≤ 70 F |
| Wet Bulb | | | | | | | | | | | | | | | | | | ≤ 72 F | ≤ 74 F | ≤ 76 F |
| Dew Point | | | | | | | | | | | | | | | | | | ≤ 78 F | ≤ 80 F | ≤ 82 F |
| | | | | | | | | | | | | | | | | | | Total | | |

FORM 0-24-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JAN 71

PSYCHROMETRIC SUMMARY



PAGE 2 1200-1400
1902 (L. 8-7)

[illegible]

USAFETAC

PSYCHROMETRIC SUMMARY

| | | | | |
|---------|-----------------|-----------|-------|-------|
| 722615 | LAUGHLIN AFB TX | 70, 73-01 | | JAN |
| STATION | STATION NAME | | YEARS | MONTH |

PAGE 2 ~~1500-1700~~
MAY 11 1964

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX

70, 73-81

YEARS

JAN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|----------------|-----|-----|------|----------------|-------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 76/ 77 | | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | |
| 76/ 75 | | | | | | | | | | | .1 | .1 | | | | | | | 2 | 2 | | | | |
| 74/ 73 | | | | .1 | .4 | | | | .1 | .2 | .1 | | | | | | | | 8 | 8 | | | | |
| 72/ 71 | | | | .2 | .1 | .1 | | | .1 | .2 | | .1 | | | | | | | 8 | 8 | | | | |
| 70/ 69 | | | .1 | | | .4 | | | .6 | .5 | .1 | .1 | | | | | | | 15 | 15 | | | | |
| 68/ 67 | | | .4 | .1 | .4 | .1 | .1 | .4 | .5 | .4 | .1 | | | | | | | | 22 | 22 | 2 | | | |
| 66/ 65 | | | .4 | .1 | .5 | .2 | .4 | 1.0 | .4 | .2 | | | | | | | | | 26 | 26 | 6 | 2 | | |
| 64/ 63 | | .2 | .2 | .7 | .2 | .5 | .7 | .5 | .4 | .9 | .1 | | | | | | | | 37 | 37 | 5 | 2 | | |
| 62/ 61 | .1 | .4 | .4 | .5 | .6 | .4 | .6 | .7 | .7 | .5 | | | | | | | | | 40 | 40 | 10 | 10 | | |
| 60/ 59 | | .6 | .9 | .1 | .6 | 1.2 | .9 | 1.1 | .6 | .1 | | | | | | | | | 50 | 50 | 13 | 8 | | |
| 58/ 57 | | .2 | .6 | 1.1 | 1.1 | .6 | 1.5 | .7 | 1.1 | | | | | | | | | | 57 | 57 | 18 | 5 | | |
| 56/ 55 | | .7 | 1.0 | 1.4 | 1.4 | 1.0 | 1.1 | .9 | .5 | | | | | | | | | | 64 | 64 | 28 | 13 | | |
| 54/ 53 | | .2 | .7 | 1.0 | 1.0 | .5 | 1.2 | .4 | | | | | | | | | | | 41 | 41 | 40 | 19 | | |
| 52/ 51 | .4 | .9 | .7 | 1.0 | 1.6 | 1.9 | 1.0 | .2 | | | | | | | | | | | 62 | 62 | 51 | 19 | | |
| 50/ 49 | .1 | 1.2 | .9 | 1.0 | 1.1 | 1.4 | .9 | .5 | | | | | | | | | | | 57 | 57 | 68 | 17 | | |
| 48/ 47 | .4 | .9 | 1.1 | 1.6 | 1.0 | .7 | 1.1 | | | | | | | | | | | | 55 | 55 | 66 | 25 | | |
| 46/ 45 | .9 | 1.2 | 1.0 | 1.2 | .9 | .6 | .2 | | | | | | | | | | | | 49 | 49 | 78 | 44 | | |
| 44/ 43 | .2 | 2.7 | 1.7 | 1.0 | .5 | .9 | .5 | | | | | | | | | | | | 61 | 61 | 83 | 47 | | |
| 42/ 41 | .2 | 1.6 | 1.1 | 1.0 | 1.4 | .5 | .1 | | | | | | | | | | | | 48 | 48 | 90 | 48 | | |
| 40/ 39 | .1 | .6 | 1.1 | 1.2 | 1.2 | .1 | | | | | | | | | | | | | 36 | 36 | 58 | 65 | | |
| 38/ 37 | | | .4 | 1.0 | .5 | .5 | | | | | | | | | | | | | 19 | 19 | 48 | 55 | | |
| 36/ 35 | | .4 | .9 | .9 | .1 | | | | | | | | | | | | | | 18 | 18 | 33 | 44 | | |
| 34/ 33 | | .7 | .1 | .6 | | | | | | | | | | | | | | | 12 | 12 | 40 | 45 | | |
| 32/ 31 | | .6 | .5 | .4 | | | | | | | | | | | | | | | 12 | 12 | 32 | 55 | | |
| 30/ 29 | | .5 | .4 | | | | | | | | | | | | | | | | 7 | 7 | 18 | 48 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 14 | 33 | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 6 | 50 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 15 | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 40 | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 43 | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 15 | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 14 | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 15 | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Element (K) | S ₁ | | S ₂ | | T | | C ₁ | | C ₂ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | |
| Ref. Hum. | | | | | | | | | | | | | ≤ 6 F | ≤ 22 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTA

PAGE 2 ~~1800-2000~~
PAGES (L. 8-13)

[illegible]

PSYCHROMETRIC SUMMARY

STATION NAME

70.73.75-A1

YEARS

JAN
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|----------------|------|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 68/ 67 | | .1 | .3 | | | | | | .1 | | | | | | | | | 4 | 4 | | | | | |
| 66/ 65 | | | | .1 | | | | | .1 | | | | | | | | | 2 | 2 | 2 | | | | |
| 64/ 63 | | | .3 | .3 | | | .3 | .1 | .3 | | | | | | | | | 9 | 9 | 1 | | | | |
| 62/ 61 | .3 | .4 | .3 | .3 | .3 | .3 | .5 | .1 | | | | | | | | | | 18 | 18 | 3 | | | | |
| 60/ 59 | .1 | .4 | .4 | .1 | .4 | .5 | .4 | .5 | | | | | | | | | | 22 | 22 | 11 | | | | |
| 58/ 57 | | .7 | .5 | .4 | .3 | 1.1 | .5 | .3 | | | | | | | | | | 28 | 28 | 2 | | | | |
| 56/ 55 | .5 | 1.1 | .7 | 1.1 | .4 | 1.1 | .8 | .3 | .5 | | | | | | | | | 48 | 48 | 17 | | | | |
| 54/ 53 | | .8 | 1.1 | .7 | .8 | 1.2 | .8 | .7 | | | | | | | | | | 45 | 45 | 17 | | | | |
| 52/ 51 | | 1.7 | 1.7 | 1.9 | .5 | .4 | .8 | .1 | | | | | | | | | | 54 | 54 | 28 | | | | |
| 50/ 49 | .5 | 1.5 | 2.4 | 2.5 | 1.5 | 1.3 | .5 | | | | | | | | | | | 77 | 77 | 48 | | | | |
| 48/ 47 | .3 | 2.1 | 1.1 | 1.3 | 1.7 | .7 | .3 | | | | | | | | | | | 56 | 56 | 53 | | | | |
| 46/ 45 | .4 | 2.5 | 1.3 | .9 | 1.7 | 1.1 | | | | | | | | | | | | 60 | 60 | 76 | | | | |
| 44/ 43 | .8 | 2.9 | .7 | 1.6 | .9 | .5 | | | | | | | | | | | | 56 | 56 | 68 | | | | |
| 42/ 41 | 1.1 | 3.4 | 1.9 | 1.7 | 1.9 | .3 | | | | | | | | | | | | 77 | 77 | 74 | | | | |
| 40/ 39 | .3 | 2.1 | 2.4 | 1.2 | .9 | .3 | | | | | | | | | | | | 54 | 54 | 68 | | | | |
| 38/ 37 | | 1.7 | 1.9 | 1.7 | .5 | .1 | | | | | | | | | | | | 45 | 45 | 73 | | | | |
| 36/ 35 | | .3 | 1.9 | 1.9 | .3 | | | | | | | | | | | | | 32 | 32 | 52 | | | | |
| 34/ 33 | | 1.2 | .7 | .7 | .7 | | | | | | | | | | | | | 24 | 24 | 43 | | | | |
| 32/ 31 | .3 | 1.2 | 1.1 | .3 | .1 | | | | | | | | | | | | | 22 | 22 | 48 | | | | |
| 30/ 29 | | .3 | .5 | .1 | | | | | | | | | | | | | | 7 | 7 | 30 | | | | |
| 28/ 27 | | .3 | 1.2 | | | | | | | | | | | | | | | 11 | 11 | 15 | | | | |
| 26/ 25 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 18 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 4.5 | 24.9 | 22.1 | 18.7 | 12.9 | 8.8 | 4.9 | 2.3 | .9 | | | | | | | | | 754 | 754 | 754 | | | | |
| Element (X) | S ₁ | | S ₂ | | S ₃ | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-81

YEARS

JAN
MONT

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION

70, 73, 75-81
STATION NAME

YEARS

FEB
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | |
|--------------|-------------------------------------|------|------|-------|-----|------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|--|--------|--|--|--------|--|--|--------|--|--|--------|----|-----|--------------------|-------|-----|----|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | |
| 66/ 67 | | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | |
| 66/ 65 | | .8 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | 2 | | | | | |
| 64/ 63 | | 2.0 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | 11 | 4 | | | | |
| 62/ 61 | | 1.7 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | 16 | 14 | | | | |
| 60/ 59 | | 2.8 | .5 | | | | | | .3 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | 25 | 25 | 14 | 14 | | | | |
| 58/ 57 | .7 | 2.1 | .8 | .3 | | .2 | | | .5 | .3 | | | | | | | | | | | | | | | | | | | | | | 30 | 30 | 21 | 17 | | | | |
| 56/ 55 | .5 | 1.3 | .3 | .2 | .5 | .2 | .2 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 25 | 30 | | | | |
| 54/ 53 | 1.2 | 2.0 | 1.5 | 1.2 | .7 | | .5 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | 18 | 17 | | | | |
| 52/ 51 | .2 | 1.8 | 1.7 | .3 | .5 | .7 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 34 | 34 | 16 | 15 | | | | |
| 50/ 49 | .7 | 1.2 | 1.8 | 1.8 | .5 | 1.5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | 48 | 48 | 26 | 18 | | | | |
| 48/ 47 | .5 | 3.6 | 2.5 | .8 | 1.2 | .5 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 56 | 56 | 35 | 20 | | | | |
| 46/ 45 | .3 | 2.6 | 1.2 | 1.3 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 | 48 | 31 | | | |
| 44/ 43 | .3 | 4.0 | 1.3 | 1.3 | .2 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | 45 | 59 | 24 | | | |
| 42/ 41 | .7 | 2.3 | 2.5 | 1.5 | .7 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 50 | 47 | 46 | | | |
| 40/ 39 | 1.2 | 1.8 | 2.8 | .5 | .7 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 47 | 58 | 40 | | | |
| 38/ 37 | .5 | 2.0 | .5 | 3.5 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | 49 | 28 | | | |
| 36/ 35 | | 1.2 | 2.0 | 1.3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 31 | 31 | | | |
| 34/ 33 | | 2.0 | 1.0 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 32 | 27 | | | |
| 32/ 31 | .2 | 1.3 | 1.0 | .8 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 41 | 39 | | | |
| 30/ 29 | | .3 | .3 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 26 | 38 | | | |
| 28/ 27 | .2 | .2 | | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 14 | 28 | | | |
| 26/ 25 | | .2 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 7 | 35 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 9 | | |
| 22/ 21 | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 17 | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 28 | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| TOTAL | 6.9 | 37.5 | 23.3 | 17.0 | 6.8 | 4.1 | 2.0 | 1.5 | .8 | | .2 | | | | | | | | | | | | | | | | | | | | | | 606 | 609 | 606 | 606 | | | |
| Element (X) | ΣX | | | ΣX | | | ΣX | | | ΣX | | | ΣX | | | ΣX | | | ΣX | | | ΣX | | | ΣX | | | ΣX | | | ΣX | | | ΣX | | | ΣX | | |
| Rel. Hum. | 3523978 | | | 88688 | | | 73.7 | | | 9.686 | | | 606 | | | Σ 0 F | | | Σ 32 F | | | Σ 67 F | | | Σ 73 F | | | Σ 80 F | | | Σ 93 F | | | Total | | | | | |
| Dry Bulb | 1357437 | | | 28215 | | | 46.3 | | | 9.090 | | | 609 | | | Σ 0 F | | | Σ 32 F | | | Σ 67 F | | | Σ 73 F | | | Σ 80 F | | | Σ 93 F | | | Total | | | | | |
| Wet Bulb | 1155424 | | | 25828 | | | 82.6 | | | 9.502 | | | 606 | | | Σ 0 F | | | Σ 32 F | | | Σ 67 F | | | Σ 73 F | | | Σ 80 F | | | Σ 93 F | | | Total | | | | | |
| Dew Point | 951379 | | | 22701 | | | 37.5 | | | 12.920 | | | 606 | | | Σ 0 F | | | Σ 32 F | | | Σ 67 F | | | Σ 73 F | | | Σ 80 F | | | Σ 93 F | | | Total | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|----|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 66/ 67 | | .1 | .2 | | .1 | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 66/ 65 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 2 | | | | | | | | | | | | | | | |
| 64/ 63 | .1 | 1.7 | .5 | | | | | | | | | | | | | | | 19 | 19 | 8 | 4 | | | | | | | | | | | | | | |
| 62/ 61 | .1 | 1.2 | .6 | .2 | | | | | | | | | | | | | | 18 | 18 | 24 | 16 | | | | | | | | | | | | | | |
| 60/ 59 | .2 | 1.2 | | | | | | .1 | .1 | | | | | | | | | 14 | 14 | 12 | 19 | | | | | | | | | | | | | | |
| 58/ 57 | 1.1 | 2.5 | .2 | | | .1 | .1 | .1 | .1 | | | | | | | | | 34 | 34 | 26 | 20 | | | | | | | | | | | | | | |
| 56/ 55 | 1.1 | 2.9 | .4 | | | | .1 | .2 | | | | | | | | | | 38 | 38 | 35 | 38 | | | | | | | | | | | | | | |
| 54/ 53 | .4 | 2.6 | .6 | | .4 | .5 | .1 | .1 | | | | | | | | | | 38 | 38 | 25 | 22 | | | | | | | | | | | | | | |
| 52/ 51 | .7 | 3.6 | 1.9 | .9 | .7 | 1.0 | .4 | .1 | | | | | | | | | | 74 | 74 | 35 | 34 | | | | | | | | | | | | | | |
| 50/ 49 | .1 | 1.0 | 1.2 | .2 | .6 | .7 | .4 | .1 | | | | | | | | | | 36 | 36 | 27 | 27 | | | | | | | | | | | | | | |
| 48/ 47 | .4 | 3.7 | 1.2 | .9 | .6 | 1.1 | .1 | | | | | | | | | | | 65 | 65 | 34 | 25 | | | | | | | | | | | | | | |
| 46/ 45 | .7 | 4.2 | 2.2 | 1.2 | .5 | .5 | | | | | | | | | | | | 76 | 76 | 68 | 39 | | | | | | | | | | | | | | |
| 44/ 43 | .6 | 3.1 | 2.0 | 1.7 | .4 | .5 | | | | | | | | | | | | 67 | 67 | 63 | 35 | | | | | | | | | | | | | | |
| 42/ 41 | 1.0 | 2.1 | 2.6 | 1.8 | .2 | .2 | | | | | | | | | | | | 61 | 61 | 67 | 44 | | | | | | | | | | | | | | |
| 40/ 39 | 1.1 | 2.4 | 3.0 | .2 | .4 | .2 | | | | | | | | | | | | 59 | 59 | 73 | 51 | | | | | | | | | | | | | | |
| 38/ 37 | .1 | 2.4 | 1.1 | 1.0 | .7 | .2 | | | | | | | | | | | | 45 | 47 | 66 | 44 | | | | | | | | | | | | | | |
| 36/ 35 | .2 | 1.7 | 1.1 | 1.6 | .2 | .1 | | | | | | | | | | | | 41 | 42 | 54 | 34 | | | | | | | | | | | | | | |
| 34/ 33 | | 1.4 | 2.6 | 1.5 | .1 | | | | | | | | | | | | | 45 | 45 | 35 | 43 | | | | | | | | | | | | | | |
| 32/ 31 | .1 | 1.7 | 1.0 | 1.1 | .2 | | | | | | | | | | | | | 34 | 34 | 35 | 56 | | | | | | | | | | | | | | |
| 30/ 29 | | .9 | .4 | .1 | .2 | | | | | | | | | | | | | 13 | 13 | 58 | 46 | | | | | | | | | | | | | | |
| 28/ 27 | .1 | | .2 | | | | | | | | | | | | | | | 3 | 3 | 25 | 35 | | | | | | | | | | | | | | |
| 26/ 25 | | .5 | | .1 | | | | | | | | | | | | | | 5 | 5 | 15 | 38 | | | | | | | | | | | | | | |
| 24/ 23 | | .9 | | .1 | | | | | | | | | | | | | | 8 | 8 | 9 | 20 | | | | | | | | | | | | | | |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 5 | 22 | | | | | | | | | | | | | | |
| 20/ 19 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 2 | 27 | | | | | | | | | | | | | | |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 29 | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 10 | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| 2/ 1 | | | | </ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

STATION NAME

20-73-81

YEARS

FEAR
MONTY

PAGE 2

~~0600-0800~~
NOV 11 (L. B. V.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722A15 LAUGHLIN AFB TX

70-73-81

YEARS

FEB

PAGE 1 0900-1100

MOON (L. S. T.)

| Temp. (°F) | WET BULB TEMPERATURE DEPRESSION (°F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|---------------|--------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|------------------------------------|--------|--------|--------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 78/ 77 | | | | | | | | | | .1 | | .1 | | | | | | 2 | 2 | | | | | | |
| 76/ 75 | | | | | | | | | | | | | .2 | | | | | 2 | 2 | | | | | | |
| 74/ 73 | | | | .1 | .1 | .1 | | | | .1 | | | | | | | | 4 | 4 | | | | | | |
| 72/ 71 | | | | .1 | | | | | | | .2 | | | | | | | 3 | 3 | | | | | | |
| 70/ 69 | | | .2 | .2 | .1 | | | | .1 | .1 | .2 | | .1 | | | | | 10 | 10 | | | | | | |
| 68/ 67 | | .1 | .1 | .5 | .1 | .1 | .4 | .1 | .1 | .1 | .2 | | | | | | | 16 | 16 | | 1 | | | | |
| 66/ 65 | | .6 | .7 | .5 | .4 | | .2 | .1 | | .5 | .1 | .1 | | | | | | 27 | 27 | 8 | 3 | | | | |
| 64/ 63 | .2 | 1.1 | 1.0 | .6 | .4 | .4 | .1 | .1 | .5 | .4 | | | | | | | | 39 | 39 | 14 | 7 | | | | |
| 62/ 61 | .1 | 1.2 | 1.0 | .2 | .8 | .5 | .2 | .8 | .2 | .4 | | | | | | | | 46 | 46 | 23 | 21 | | | | |
| 60/ 59 | .2 | 2.4 | .5 | .6 | .7 | .7 | .5 | .2 | .4 | .1 | | | | | | | | 55 | 55 | 28 | 18 | | | | |
| 58/ 57 | .8 | 2.4 | 1.0 | .7 | .6 | .4 | .6 | 1.3 | .4 | .4 | | | | | | | | 71 | 71 | 44 | 36 | | | | |
| 56/ 55 | .5 | 1.9 | .6 | 1.0 | 1.0 | 1.2 | .5 | .7 | .6 | | | | | | | | | 66 | 66 | 42 | 38 | | | | |
| 54/ 53 | .5 | 1.8 | 1.2 | .6 | 1.2 | .4 | .8 | 1.0 | .1 | | | | | | | | | 63 | 63 | 46 | 29 | | | | |
| 52/ 51 | .7 | .8 | 1.2 | 1.2 | 2.3 | 1.0 | .6 | .6 | .1 | | | | | | | | | 71 | 71 | 49 | 31 | | | | |
| 50/ 49 | .2 | 1.8 | 1.7 | 1.6 | .8 | .6 | 1.1 | .4 | | | | | | | | | | 68 | 69 | 53 | 24 | | | | |
| 48/ 47 | .5 | 1.9 | .5 | 1.2 | 1.3 | .5 | .7 | | | | | | | | | | | 55 | 55 | 64 | 42 | | | | |
| 46/ 45 | .2 | 1.3 | 1.0 | 1.7 | .7 | 1.1 | .1 | .1 | | | | | | | | | | 52 | 52 | 77 | 39 | | | | |
| 44/ 43 | .1 | 2.3 | 1.8 | .7 | .2 | .5 | | | | | | | | | | | | 47 | 48 | 75 | 45 | | | | |
| 42/ 41 | .2 | 1.8 | 1.1 | .8 | .7 | .5 | | | | | | | | | | | | 43 | 43 | 75 | 43 | | | | |
| 40/ 39 | .2 | .6 | 1.3 | .6 | .6 | | | | | | | | | | | | | 28 | 28 | 74 | 36 | | | | |
| 38/ 37 | | .7 | .8 | 1.1 | .5 | | | | | | | | | | | | | 26 | 26 | 49 | 46 | | | | |
| 36/ 35 | | .1 | 1.1 | | | | | | | | | | | | | | | 10 | 10 | 29 | 53 | | | | |
| 34/ 33 | | .5 | .4 | .7 | | | | | | | | | | | | | | 13 | 13 | 29 | 37 | | | | |
| 32/ 31 | | .5 | .4 | | | | | | | | | | | | | | | 7 | 7 | 26 | 47 | | | | |
| 30/ 29 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 14 | 37 | | | | |
| 28/ 27 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 5 | 33 | | | | |
| 26/ 25 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 2 | 35 | | | | |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 20 | | | | |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 20 | | | | |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 29 | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 20 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 19 | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| Element (X) | | | | | | | | | | | | | | | | | | | | | Mean No. of Hours with Temperature | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | < 60 F | < 60 F | < 60 F | < 60 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | < 60 F | < 60 F | < 60 F | < 60 F | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | < 60 F | < 60 F | < 60 F | < 60 F | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | < 60 F | < 60 F | < 60 F | < 60 F | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-7301

FF

PAGE 2 ~~0000-1100~~

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS FEB MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | |
|--------------|-------------------------------------|-----|----------------|-----|----------------|------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|------------------------------------|----------|----------|-----------|--------------------|--------|--------|--------|--------|--------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | .1 | | 1 | 1 | | | | | | | | | |
| 84/ 83 | | | | | | | | | | .1 | | | | | .1 | | 4 | 4 | | | | | | | | | |
| 82/ 81 | | | | | | | | | | .1 | | .1 | .5 | .2 | .1 | .2 | 11 | 11 | | | | | | | | | |
| 80/ 79 | | | | | | | | .1 | | .2 | | .1 | .2 | .6 | .1 | | 14 | 14 | | | | | | | | | |
| 78/ 77 | | | | | | | .4 | .1 | .5 | .2 | .8 | .1 | .5 | .2 | | | 24 | 24 | | | | | | | | | |
| 76/ 75 | | | | | .1 | | .5 | .4 | .2 | .8 | .1 | .2 | .1 | .1 | | | 18 | 18 | | | | | | | | | |
| 74/ 73 | | | | | .1 | .8 | .7 | | .4 | .5 | .5 | | .7 | | | | 31 | 31 | | | | | | | | | |
| 72/ 71 | | | | | .4 | .8 | .2 | .5 | .8 | .8 | .8 | .7 | .6 | | | | 40 | 40 | | | | | | | | | |
| 70/ 69 | | | | .4 | 1.1 | .6 | .2 | .8 | .4 | .6 | .7 | .5 | .4 | | | | 47 | 47 | | | | | | | | | |
| 66/ 67 | | | .2 | .9 | .8 | .5 | .2 | 1.1 | .9 | .8 | .6 | .2 | | | | | 59 | 59 | 3 | | | | | | | | |
| 66/ 65 | .4 | .5 | .6 | .7 | .8 | .7 | .4 | .7 | .9 | .6 | .4 | .2 | | | | | 58 | 58 | 15 | 3 | | | | | | | |
| 64/ 63 | | .2 | .6 | 1.2 | .6 | .8 | .6 | .9 | .9 | .8 | .1 | | | | | | 54 | 54 | 31 | 2 | | | | | | | |
| 62/ 61 | | .5 | .9 | .5 | .7 | 1.2 | .5 | .5 | .9 | 1.3 | .4 | .1 | | | | | 63 | 63 | 41 | 10 | | | | | | | |
| 60/ 59 | | .7 | .6 | .5 | .6 | .7 | .7 | .8 | .5 | .8 | | | | | | | 50 | 50 | 48 | 23 | | | | | | | |
| 56/ 57 | | .4 | .6 | .5 | .5 | 1.1 | .8 | 1.2 | .7 | .4 | | | | | | | 51 | 51 | 56 | 27 | | | | | | | |
| 56/ 55 | .2 | .9 | 1.1 | .8 | .7 | 1.2 | .5 | .2 | .5 | .1 | | | | | | | 53 | 53 | 52 | 52 | | | | | | | |
| 54/ 53 | .2 | .8 | .1 | .5 | .9 | .7 | .8 | .1 | .1 | | | | | | | | 37 | 37 | 67 | 29 | | | | | | | |
| 52/ 51 | | 1.2 | .6 | .2 | 1.2 | .9 | .9 | .6 | | | | | | | | | 43 | 43 | 63 | 32 | | | | | | | |
| 50/ 49 | | .9 | .7 | .7 | .5 | .8 | .4 | .4 | | | | | | | | | 37 | 37 | 81 | 31 | | | | | | | |
| 46/ 47 | | 1.1 | .6 | .5 | 1.1 | .2 | .9 | | | | | | | | | | 37 | 37 | 72 | 32 | | | | | | | |
| 46/ 45 | | 1.4 | .8 | .5 | .9 | .8 | | | | | | | | | | | 38 | 38 | 68 | 42 | | | | | | | |
| 44/ 43 | .1 | 1.1 | 1.3 | .6 | .9 | .2 | | | | | | | | | | | 31 | 31 | 77 | 46 | | | | | | | |
| 42/ 41 | | .1 | .1 | .4 | .5 | .1 | | | | | | | | | | | 10 | 10 | 50 | 47 | | | | | | | |
| 40/ 39 | | .8 | .8 | .2 | .2 | | | | | | | | | | | | 10 | 10 | 33 | 39 | | | | | | | |
| 38/ 37 | | .2 | | .6 | .1 | | | | | | | | | | | | 8 | 8 | 38 | 49 | | | | | | | |
| 36/ 35 | | .1 | | .5 | | | | | | | | | | | | | 5 | 5 | 17 | 35 | | | | | | | |
| 34/ 33 | | | .4 | | .1 | | | | | | | | | | | | 4 | 4 | 13 | 44 | | | | | | | |
| 32/ 31 | | .1 | .1 | | .1 | | | | | | | | | | | | 3 | 3 | 7 | 44 | | | | | | | |
| 30/ 29 | | .1 | | .1 | | | | | | | | | | | | | 2 | 2 | 7 | 44 | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | 1 | 38 | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | 1 | 35 | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | 2 | 18 | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 25 | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | |
| Element (32) | S ₁ | | S ₂ | | S ₃ | | S ₄ | | S ₅ | | S ₆ | | S ₇ | | S ₈ | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≤ 6 F | ≤ 20 F | ≤ 60 F | ≤ 75 F | ≤ 80 F | ≤ 90 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 8-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-81

YEARS

FEA
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 90/ 89 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | | | | |
| 88/ 87 | | | | | | | | | | | | | .1 | .1 | | | | 5 | 5 | | | | | |
| 86/ 85 | | | | | | | | | | | .2 | | .2 | .2 | .5 | .4 | | 13 | 13 | | | | | |
| 84/ 83 | | | | | | | | | | | .1 | .5 | .2 | .4 | .4 | .1 | | 14 | 14 | | | | | |
| 82/ 81 | | | | | | | | | .5 | 1.1 | .6 | .4 | | .4 | 1.4 | | | 36 | 36 | | | | | |
| 80/ 79 | | | | | | | | .6 | .8 | .5 | .8 | .6 | .8 | .5 | .4 | | | 42 | 42 | | | | | |
| 78/ 77 | | | | | | | .1 | .4 | .4 | .4 | .6 | .2 | .4 | 1.0 | | | | 28 | 28 | | | | | |
| 76/ 75 | | | | | | .1 | .2 | .4 | .2 | | .4 | 1.5 | .6 | .8 | | | | 36 | 36 | | | | | |
| 74/ 73 | | | | | | .1 | .6 | .7 | .5 | .6 | 1.0 | .2 | .7 | .2 | | | | 39 | 39 | | | | | |
| 72/ 71 | | | | | .2 | .6 | .4 | .5 | .8 | .4 | 1.1 | .6 | .5 | | | | | 42 | 42 | | | | | |
| 70/ 69 | | | | .1 | .6 | .8 | .7 | .6 | .2 | .6 | 1.4 | 1.1 | .2 | | | | | 54 | 54 | | | | | |
| 68/ 67 | | .1 | .2 | .6 | 1.1 | .8 | .7 | 1.2 | .7 | .4 | 1.2 | | | | | | | 59 | 59 | | | | | |
| 66/ 65 | | .7 | .5 | 1.0 | .4 | .2 | .7 | .1 | .2 | 1.3 | 1.9 | .4 | | | | | | 62 | 62 | 17 | 2 | | | |
| 64/ 63 | | | .6 | .5 | .8 | 1.1 | 1.0 | | 1.3 | .8 | .8 | .1 | | | | | | 59 | 59 | 45 | 2 | | | |
| 62/ 61 | | | .4 | .4 | .7 | .6 | 1.3 | .6 | 1.1 | .4 | .1 | | | | | | | 46 | 46 | 44 | 9 | | | |
| 60/ 59 | | .2 | .4 | .2 | .8 | .5 | .8 | 1.0 | | .2 | | | | | | | | 35 | 35 | 62 | 10 | | | |
| 58/ 57 | | .7 | | .2 | .4 | | | 1.0 | .4 | .6 | .6 | | | | | | | 32 | 32 | 51 | 22 | | | |
| 56/ 55 | | .8 | .4 | .2 | .6 | .4 | .8 | .4 | .8 | | | | | | | | | 33 | 33 | 76 | 42 | | | |
| 54/ 53 | | 1.3 | .1 | .4 | .1 | .8 | .6 | .7 | | | | | | | | | | 34 | 34 | 82 | 28 | | | |
| 52/ 51 | .2 | .4 | .6 | .7 | .2 | .5 | | .4 | .8 | | | | | | | | | 28 | 28 | 75 | 44 | | | |
| 50/ 49 | | 1.3 | .5 | .1 | 1.0 | .7 | .5 | .4 | | | | | | | | | | 37 | 37 | 59 | 42 | | | |
| 48/ 47 | | .5 | 1.1 | 1.1 | .6 | .4 | .8 | | | | | | | | | | | 37 | 37 | 75 | 28 | | | |
| 46/ 45 | | .6 | .6 | .5 | .7 | | | | | | | | | | | | | 20 | 20 | 75 | 41 | | | |
| 44/ 43 | .5 | .2 | | .8 | .4 | | | | | | | | | | | | | 16 | 16 | 50 | 40 | | | |
| 42/ 41 | | | .1 | .2 | .4 | | | | | | | | | | | | | 6 | 6 | 32 | 50 | | | |
| 40/ 39 | | .4 | .2 | .5 | .1 | .1 | | | | | | | | | | | | 11 | 11 | 32 | 33 | | | |
| 38/ 37 | | .4 | .1 | .1 | | .1 | | | | | | | | | | | | 6 | 6 | 30 | 33 | | | |
| 36/ 35 | | | .1 | .4 | | .1 | | | | | | | | | | | | 5 | 5 | 13 | 34 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 11 | 44 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 58 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 5 | 42 | | | |
| 28/ 27 | | .4 | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

FEAR
MENTAL

PAGE 2 1500-1700
10198 (1-8-74)

[illegible]

PSYCHROMETRIC SUMMARY

722615
STATION

LAUGHLIN AFB TX

70-73-81

FEB

PAGE 1

1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70.73.75-A1

YEARS

FEA
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70.73-81
YEARS

FEB
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|------------------------------------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | .0 | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | .0 | .0 | .0 | .0 | | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | .0 | .0 | .0 | .0 | .1 | .0 | | 16 | 16 | | | | | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | .0 | .0 | .0 | .1 | .0 | .1 | .1 | .0 | | 23 | 23 | | | | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .2 | | | 53 | 53 | | | | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | .0 | .1 | .2 | .1 | .2 | .1 | .1 | .2 | .1 | | | 69 | 69 | | | | | | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | .1 | .1 | .2 | .1 | .2 | .1 | .2 | .1 | .2 | .2 | | | 70 | 70 | | | | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | .0 | .0 | .1 | .2 | .1 | .1 | .1 | .3 | .2 | .2 | | | | | 84 | 84 | | | | | | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | .0 | .0 | .2 | .2 | .2 | .1 | .2 | .2 | .1 | .2 | .2 | .0 | | | | 93 | 93 | | | | | | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | .0 | .1 | .3 | .2 | .1 | .3 | .2 | .3 | .2 | .2 | | | | | | 122 | 122 | | | | | | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | .0 | .1 | .3 | .4 | .2 | .3 | .1 | .2 | .5 | .3 | .1 | | | | | | 158 | 158 | | | | | | | | | | | | | | | | | | | | | | | |
| 68/ 67 | | .1 | .2 | .3 | .4 | .4 | .3 | .3 | .3 | .2 | .4 | .1 | | | | | | 196 | 196 | 5 | | | | | | | | | | | | | | | | | | | | | | |
| 66/ 65 | .1 | .4 | .5 | .6 | .5 | .3 | .2 | .2 | .4 | .4 | .4 | .1 | | | | | | 253 | 253 | 50 | 9 | | | | | | | | | | | | | | | | | | | | | |
| 64/ 63 | .0 | .1 | .7 | .6 | .5 | .3 | .3 | .2 | .6 | .4 | .3 | .1 | | | | | | 313 | 313 | 142 | 20 | | | | | | | | | | | | | | | | | | | | | |
| 62/ 61 | .1 | .8 | .7 | .4 | .4 | .5 | .4 | .5 | .4 | .4 | .1 | .0 | | | | | | 290 | 290 | 232 | 101 | | | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | .1 | 1.2 | .5 | .6 | .5 | .4 | .4 | .6 | .3 | .2 | .0 | | | | | | | 297 | 298 | 251 | 124 | | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | .5 | 1.6 | .6 | .7 | .4 | .5 | .6 | .7 | .5 | .2 | | | | | | | | 369 | 370 | 298 | 165 | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | .4 | 1.6 | .7 | .5 | .6 | .6 | .5 | .5 | .3 | .1 | | | | | | | | 349 | 359 | 354 | 304 | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | .3 | 1.6 | .6 | .6 | .8 | .8 | .6 | .5 | .0 | | | | | | | | | 359 | 359 | 358 | 218 | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | .4 | 1.3 | 1.3 | .6 | 1.0 | .7 | .4 | .8 | .1 | | | | | | | | | 376 | 376 | 375 | 255 | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | .2 | 1.0 | 1.5 | .9 | 1.0 | .7 | .6 | .3 | .0 | | | | | | | | | 369 | 371 | 369 | 211 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | .2 | 2.0 | 1.2 | 1.1 | .9 | .6 | .6 | .1 | | | | | | | | | | 405 | 406 | 439 | 243 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | .2 | 2.1 | 1.1 | 1.1 | .7 | .6 | .1 | .0 | | | | | | | | | | 359 | 359 | 544 | 295 | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | .3 | 1.7 | 1.2 | 1.1 | .4 | .4 | .0 | .0 | | | | | | | | | | 315 | 317 | 526 | 315 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | .3 | 1.0 | 1.2 | 1.0 | .5 | .2 | .0 | | | | | | | | | | | 258 | 259 | 425 | 340 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | .4 | 1.0 | 1.4 | .7 | .4 | .1 | .0 | | | | | | | | | | | 238 | 244 | 394 | 309 | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | .2 | .8 | .5 | .9 | .3 | .1 | | | | | | | | | | | | 176 | 178 | 370 | 277 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | .0 | .4 | .8 | .6 | .1 | .0 | | | | | | | | | | | | 120 | 121 | 240 | 296 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | .5 | .8 | .4 | .0 | | | | | | | | | | | | | 112 | 112 | 191 | 301 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | .0 | .5 | .4 | .3 | .1 | | | | | | | | | | | | | 82 | 82 | 153 | 916 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | .2 | .1 | .1 | .0 | | | | | | | | | | | | | 30 | 30 | 146 | 290 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | .0 | .2 | .0 | .1 | | | | | | | | | | | | | | 21 | 21 | 64 | 248 | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | .1 | .0 | .0 | | | | | | | | | | | | | | 9 | 9 | 39 | 252 | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | .1 | .0 | .0 | | | | | | | | | | | | | | | 9 | 9 | 20 | 161 | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | ± 0 F | ± 32 F | ± 67 F | ± 73 F | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | ± 80 F | ± 93 F | Total | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX

70-73-81

YEARS

FFB MONTH

PAGE 2

ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 22/ 21 | | | .0 | | | | | | | | | | | | | | | 3 | 3 | 11 | 192 | | | | |
| 20/ 19 | | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 4 | 245 | | | | |
| 18/ 17 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 159 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 85 | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 54 | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 30 | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 29 | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 14 | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 26 | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 14 | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 8 | | | | |
| TOTAL | 3.9 | 21.4 | 16.6 | 13.6 | 10.1 | 8.2 | 6.1 | 5.4 | 4.2 | 3.2 | 3.1 | 1.6 | 1.2 | .9 | .5 | .1 | | | 6023 | | 6006 | | | | |
| | | | | | | | | | | | | | | | | | | 6006 | | 6006 | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
YEARS

YEARS

MAR
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|--------------------|--------|--------|--------|--------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 76/ 77 | | | | | | | | | | | | .3 | | | | | | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | .3 | .1 | | .4 | | | | | .1 | | | | | | 7 | 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | .6 | .6 | .3 | .6 | | | | | .1 | .3 | .1 | | | | | 18 | 18 | | | | | | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | .3 | 1.4 | .4 | .7 | .8 | | | | | .1 | .1 | .1 | | | | | 25 | 25 | | | | | | | | | | | | | | | | | | | | | | | |
| 66/ 67 | | 1.8 | 1.1 | 1.0 | 1.3 | .4 | | | .1 | .4 | .3 | .4 | | | | | | 49 | 49 | 12 | 3 | | | | | | | | | | | | | | | | | | | | | |
| 66/ 65 | .3 | .8 | .7 | .7 | 1.1 | .3 | | .3 | | .4 | .1 | .3 | | | | | | 36 | 36 | 31 | 18 | | | | | | | | | | | | | | | | | | | | | |
| 64/ 63 | .3 | 2.0 | .8 | 1.3 | 1.0 | 1.1 | | .1 | .8 | .3 | .3 | | | | | | | 57 | 57 | 24 | 25 | | | | | | | | | | | | | | | | | | | | | |
| 62/ 61 | .1 | 2.1 | 1.7 | .7 | 1.5 | 1.1 | .4 | .7 | .4 | .4 | | | | | | | | 67 | 67 | 40 | 21 | | | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | .1 | .8 | 1.5 | .6 | .7 | 1.7 | .7 | 1.1 | .8 | .3 | | | | | | | | 60 | 60 | 38 | 26 | | | | | | | | | | | | | | | | | | | | | |
| 56/ 57 | | 1.5 | 1.5 | 2.1 | 1.4 | 1.8 | .8 | .6 | .1 | | | | | | | | | 71 | 71 | 45 | 26 | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | .3 | 1.3 | 1.4 | .8 | 1.4 | 1.1 | 1.0 | .4 | | | | | | | | | | 55 | 55 | 35 | 41 | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | .7 | .9 | 1.1 | 1.4 | .6 | 1.4 | .3 | | | | | | | | | | 42 | 42 | 47 | 38 | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | .3 | 1.3 | 1.1 | 1.0 | 1.8 | 2.0 | 1.1 | | | | | | | | | | | 61 | 61 | 47 | 33 | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | 2.0 | .8 | 1.1 | 1.4 | 2.0 | .4 | | | | | | | | | | | 55 | 55 | 57 | 23 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | .3 | 1.3 | 1.3 | 1.0 | .8 | | | | | | | | | | | | 33 | 33 | 74 | 47 | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | .3 | .1 | 1.0 | 1.0 | | .1 | | | | | | | | | | | 18 | 18 | 61 | 28 | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | .4 | .4 | .7 | .7 | .1 | | | | | | | | | | | | 17 | 17 | 52 | 28 | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | .4 | .3 | 1.0 | .3 | .3 | | | | | | | | | | | | 16 | 16 | 57 | 30 | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | .1 | .4 | .4 | .3 | | .4 | | | | | | | | | | | 12 | 12 | 38 | 39 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 37 | | .1 | | .3 | | | | | | | | | | | | | | 3 | 3 | 19 | 33 | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | .1 | .3 | | | | | | | | | | | | | | 3 | 3 | 13 | 34 | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | .1 | | .1 | | | | | | | | | | | | | 2 | 2 | 8 | 30 | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | .3 | | | | | | | | | | | | | 2 | 2 | 6 | 33 | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 38 | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 3 | 26 | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 | 32 | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 | 13 | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | Σ | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | ≤ 6 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | | | | | | |
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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

20, 23, 25-21

MAR
MONTH

PAGE 2 ~~0000-0200~~
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -6 / -7 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | 1.4 | 16.3 | 16.0 | 16.7 | 7.8 | 14.3 | 6.9 | 3.5 | 2.4 | 2.0 | 1.0 | 1.5 | .3 | | | | | | 713 | | 713 | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX

70, 73, 75-81

YEARS

MAR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL O.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|--------------------|-------|----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 74/ 73 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | | | | |
| 72/ 71 | | | | | | | | | | | | .1 | | | | | | 3 | 3 | | | | | |
| 70/ 69 | | 1.0 | .8 | .4 | .1 | | .3 | | | .1 | | | | | | | | 20 | 20 | | | | | |
| 68/ 67 | | 2.3 | .7 | .6 | .3 | | .1 | | .3 | | .1 | .6 | | | | | | 36 | 36 | 11 | 3 | | | |
| 66/ 65 | .4 | 2.1 | .4 | .1 | .4 | .1 | | .1 | .6 | .1 | .1 | | | | | | | 33 | 33 | 36 | 29 | | | |
| 64/ 63 | | 2.6 | 1.0 | .6 | .4 | | .1 | .6 | .1 | | .1 | | | | | | | 40 | 40 | 18 | 17 | | | |
| 62/ 61 | .6 | 2.9 | 1.2 | 1.7 | .7 | .1 | .1 | .1 | .4 | .4 | .3 | | | | | | | 62 | 62 | 31 | 24 | | | |
| 60/ 59 | .1 | 3.9 | .8 | .6 | .6 | 1.0 | | .6 | .6 | .4 | | | | | | | | 61 | 61 | 39 | 31 | | | |
| 58/ 57 | .4 | 1.5 | 2.6 | 1.1 | .7 | .8 | .3 | .6 | .3 | .1 | | | | | | | | 61 | 61 | 46 | 42 | | | |
| 56/ 55 | .3 | 1.7 | 1.0 | 1.5 | 1.5 | .6 | .8 | .4 | | | | | | | | | | 56 | 56 | 34 | 26 | | | |
| 54/ 53 | | 2.3 | 1.0 | 1.9 | 1.2 | .3 | 1.0 | .3 | .1 | | | | | | | | | 59 | 59 | 43 | 29 | | | |
| 52/ 51 | .4 | 1.8 | 1.2 | .7 | 1.2 | 1.5 | .4 | | | | | | | | | | | 53 | 53 | 42 | 39 | | | |
| 50/ 49 | .1 | 2.2 | .4 | 1.5 | 1.4 | 1.4 | .3 | | | | | | | | | | | 53 | 53 | 63 | 33 | | | |
| 48/ 47 | .3 | .7 | 1.0 | 2.1 | 2.2 | .6 | | | | | | | | | | | | 49 | 49 | 57 | 37 | | | |
| 46/ 45 | | 1.1 | 1.5 | 1.1 | 1.0 | | | | | | | | | | | | | 34 | 34 | 37 | 32 | | | |
| 44/ 43 | | .7 | .6 | 1.2 | .6 | .1 | | | | | | | | | | | | 23 | 23 | 67 | 30 | | | |
| 42/ 41 | | .8 | 1.4 | 1.2 | .1 | .1 | | | | | | | | | | | | 27 | 27 | 60 | 23 | | | |
| 40/ 39 | .3 | .6 | .7 | .4 | .1 | .1 | | | | | | | | | | | | 16 | 16 | 49 | 40 | | | |
| 38/ 37 | | .7 | .7 | .4 | .3 | .1 | .3 | | | | | | | | | | | 18 | 18 | 39 | 32 | | | |
| 36/ 35 | | .6 | .1 | .3 | .1 | | | | | | | | | | | | | 8 | 8 | 17 | 40 | | | |
| 34/ 33 | | | .6 | .3 | | | | | | | | | | | | | | 6 | 6 | 9 | 34 | | | |
| 32/ 31 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 7 | 37 | | | |
| 30/ 29 | | | | | .3 | | | | | | | | | | | | | 2 | 2 | 11 | 30 | | | |
| 28/ 27 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 2 | 38 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 3 | 17 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 13 | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 15 | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
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| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
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| Element (K) | °F | | °F | | °F | | °F | | °F | | °F | | °F | | °F | | °F | | °F | | °F | | °F | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

W

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PAGE 2 ~~0300-0500~~

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70.73-81 YEARS MAR MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|--|------------------------------------|-------|------|------|------|------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | |
| 70/ 69 | | .6 | 1.0 | .2 | | | | | | .1 | | | | | | | | 17 | 17 | | | 17 | | | | | | |
| 68/ 67 | .1 | 2.4 | .9 | .2 | | | | | | | .3 | | | | | | | 36 | 36 | | | 36 | 11 | 6 | | | | |
| 66/ 65 | .4 | 3.7 | .3 | .2 | | .2 | | .1 | .3 | | | | | | | | | 48 | 48 | | | 48 | 51 | 20 | | | | |
| 64/ 63 | .1 | 1.7 | .8 | .1 | .1 | .1 | .1 | .7 | .1 | .1 | | | | | | | | 53 | 53 | | | 53 | 35 | 49 | | | | |
| 62/ 61 | .8 | 3.1 | 1.2 | .7 | .6 | .2 | .1 | .3 | | | | | | | | | | 63 | 63 | | | 63 | 44 | 46 | | | | |
| 60/ 59 | .6 | 2.3 | 1.3 | .6 | .4 | .3 | .4 | .3 | .2 | | | | | | | | | 59 | 59 | | | 59 | 39 | 36 | | | | |
| 58/ 57 | .4 | 3.3 | 2.1 | 1.0 | .9 | .7 | .6 | .9 | .4 | | | | | | | | | 93 | 93 | | | 93 | 45 | 39 | | | | |
| 56/ 55 | .2 | 2.6 | 1.3 | .7 | .4 | .6 | .4 | .4 | .2 | | | | | | | | | 62 | 62 | | | 62 | 50 | 33 | | | | |
| 54/ 53 | .1 | 1.3 | 1.3 | 1.7 | .7 | .7 | .8 | .3 | .1 | | | | | | | | | 63 | 63 | | | 63 | 52 | 39 | | | | |
| 52/ 51 | .4 | 2.1 | 2.6 | 1.4 | 1.1 | .4 | .2 | | | | | | | | | | | 75 | 75 | | | 75 | 47 | 48 | | | | |
| 50/ 49 | .3 | 1.8 | 2.4 | 1.7 | 1.8 | 1.0 | .3 | | | | | | | | | | | 84 | 84 | | | 84 | 64 | 37 | | | | |
| 48/ 47 | | 1.4 | 1.1 | 1.8 | 1.1 | .3 | | .1 | | | | | | | | | | 53 | 53 | | | 53 | 72 | 36 | | | | |
| 46/ 45 | | 1.1 | 1.9 | 1.6 | .7 | .1 | .1 | | | | | | | | | | | 49 | 49 | | | 49 | 72 | 40 | | | | |
| 44/ 43 | | .6 | 1.2 | 1.2 | .2 | .1 | .1 | | | | | | | | | | | 31 | 31 | | | 31 | 70 | 53 | | | | |
| 42/ 41 | | .7 | 1.9 | 1.3 | | | | | | | | | | | | | | 37 | 37 | | | 37 | 67 | 28 | | | | |
| 40/ 39 | | 1.0 | 1.0 | .4 | | | | | | | | | | | | | | 22 | 22 | | | 22 | 57 | 46 | | | | |
| 38/ 37 | | 1.0 | .7 | .4 | | .2 | | | | | | | | | | | | 21 | 21 | | | 21 | 50 | 56 | | | | |
| 36/ 35 | .1 | .2 | .7 | .4 | .1 | | | | | | | | | | | | | 14 | 14 | | | 14 | 25 | 40 | | | | |
| 34/ 33 | | .4 | .6 | | .1 | | | | | | | | | | | | | 10 | 10 | | | 10 | 18 | 54 | | | | |
| 32/ 31 | | | .1 | .2 | .1 | | | | | | | | | | | | | 4 | 4 | | | 4 | 11 | 53 | | | | |
| 30/ 29 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | | | 2 | 7 | 31 | | | | |
| 28/ 27 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | | | 3 | 5 | 38 | | | | |
| 26/ 25 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | | 1 | 4 | 15 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | 1 | 13 | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | 2 | 11 | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | 1 | 7 | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | 11 | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| TOTAL | 3.7 | 33.4 | 24.7 | 16.2 | 8.6 | 5.0 | 3.2 | 3.2 | 1.4 | .2 | | .3 | | | | | | 900 | 900 | | | 900 | 900 | 900 | | | | |
| Element (H) | No. Obs. | | | | | | | | | | | | | | | | | | | | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | 5071422 | | | | | | | | | | | | | | | | | | | | | 50 F | 52 F | 57 F | 72 F | 80 F | 92 F | Total |
| Dry Bulb | 2483010 | | | | | | | | | | | | | | | | | | | | | 1.0 | 1.0 | 1.5 | | | | 93 |
| Wet Bulb | 2283331 | | | | | | | | | | | | | | | | | | | | | 3.2 | 1.1 | | | | | 93 |
| Dew Point | 1883855 | | | | | | | | | | | | | | | | | | | | | 20.0 | .6 | | | | | 93 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

122615 STATION 122615 LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS MAR MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 86/ 85 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | | | | | |
| 84/ 83 | | | | | | | | .1 | | | | | | | .1 | | | 2 | 2 | | | | | | |
| 82/ 81 | | | | | | .1 | | | | | .1 | | | | | | | 3 | 3 | | | | | | |
| 80/ 79 | | | | | | .2 | | | .1 | | | | | .2 | | | | 5 | 5 | | | | | | |
| 78/ 77 | | | | | .1 | .1 | .2 | | .1 | | | | .1 | .2 | | | | 8 | 8 | | | | | | |
| 76/ 75 | | | | .3 | .3 | .3 | .1 | | .3 | .1 | .1 | | .1 | | | | | 15 | 15 | | | | | | |
| 74/ 73 | | | .1 | .3 | .3 | .4 | .1 | .1 | .2 | .1 | .2 | .1 | .1 | | | | | 20 | 20 | | | | | | |
| 72/ 71 | | .1 | 1.1 | 1.0 | .5 | .2 | .4 | .1 | .4 | .3 | .4 | .2 | .1 | | | | | 48 | 48 | 2 | | | | | |
| 70/ 69 | | .8 | 2.5 | .5 | .8 | .3 | .1 | .3 | .8 | .5 | .3 | .3 | .1 | | | | | 68 | 68 | 14 | 1 | | | | |
| 68/ 67 | | 1.0 | 2.7 | 1.0 | 1.0 | .5 | .5 | .6 | 1.1 | .8 | .1 | .5 | | | | | | 88 | 88 | 33 | 14 | | | | |
| 66/ 65 | | 1.9 | 1.6 | 1.3 | .6 | .8 | 1.0 | 1.2 | .9 | .6 | .2 | .2 | | | | | | 96 | 96 | 50 | 31 | | | | |
| 64/ 63 | | 1.9 | 1.3 | 1.3 | 1.0 | .5 | .9 | .8 | .8 | .6 | .4 | | | | | | | 85 | 85 | 41 | 27 | | | | |
| 62/ 61 | .1 | 1.3 | 1.3 | .6 | 1.0 | 1.4 | 1.0 | .8 | .8 | .3 | .1 | | | | | | | 80 | 80 | 51 | 56 | | | | |
| 60/ 59 | .1 | 1.2 | 1.9 | .9 | 1.0 | .8 | .8 | 1.3 | 1.0 | | | | | | | | | 82 | 82 | 49 | 35 | | | | |
| 58/ 57 | | 1.5 | 1.2 | .5 | .9 | 1.4 | 1.3 | .2 | .3 | .2 | | | | | | | | 70 | 70 | 60 | 39 | | | | |
| 56/ 55 | .2 | .6 | .5 | 1.8 | 1.0 | 1.2 | .6 | .3 | .2 | | | | | | | | | 57 | 57 | 79 | 50 | | | | |
| 54/ 53 | .3 | .8 | .9 | 1.8 | .8 | .2 | .9 | .1 | .1 | | | | | | | | | 54 | 54 | 78 | 52 | | | | |
| 52/ 51 | | .9 | 1.3 | .9 | .9 | .8 | .8 | | | | | | | | | | | 43 | 43 | 74 | 38 | | | | |
| 50/ 49 | | .9 | .5 | .5 | .5 | .4 | .1 | .1 | | | | | | | | | | 29 | 29 | 85 | 30 | | | | |
| 48/ 47 | | .9 | .8 | .6 | .3 | .3 | .1 | | | | | | | | | | | 25 | 25 | 89 | 29 | | | | |
| 46/ 45 | | | .4 | .5 | .5 | .1 | | | | | | | | | | | | 15 | 15 | 71 | 60 | | | | |
| 44/ 43 | | | .2 | .1 | .9 | .2 | | | | | | | | | | | | 9 | 9 | 41 | 59 | | | | |
| 42/ 41 | | | .2 | .3 | .2 | | | | | | | | | | | | | 7 | 7 | 32 | 39 | | | | |
| 40/ 39 | | .1 | | .2 | .2 | .1 | | | | | | | | | | | | 6 | 6 | 20 | 41 | | | | |
| 38/ 37 | | .1 | | | | .2 | | | | | | | | | | | | 3 | 3 | 11 | 36 | | | | |
| 36/ 35 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | 11 | 52 | | | | |
| 34/ 33 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 3 | 40 | | | | |
| 32/ 31 | | | | | .3 | | | | | | | | | | | | | 3 | 3 | 3 | 30 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 22 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 4 | 32 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 | 28 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 | 11 | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 14 | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| Element (X) | Σ H ¹ | | Σ H | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | = 6 F | | = 32 F | | = 47 F | | = 73 F | | = 80 F | | = 93 F | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-21

YEARS

MAR
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

USAMRIAT 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM 71

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGH LIN AFB TX
STATION STATION NAME

70-73-81

YEARS

MAR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGH LIN AFB TX
STATION STATION NAME

70-73-81

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-81

YEARS

MAR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

122615 STATION LAUGHLIN AFB TX STATION NAME 70, 73, 75-81 YEARS MAP MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|----------|----------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 80/ 79 | | | | | | .1 | | | | .1 | | | .1 | .1 | | | | 4 | 4 | | | | | |
| 78/ 77 | | | | | .1 | | .2 | .1 | .1 | .2 | .1 | | | | | | | 8 | 8 | | | | | |
| 76/ 75 | | | | .2 | | .4 | .2 | .4 | .1 | | | .1 | | | | | | 12 | 12 | | | | | |
| 74/ 73 | | | | .2 | .1 | .6 | .7 | .1 | .1 | | .1 | .1 | .2 | | | | | 20 | 20 | | | | | |
| 72/ 71 | | | .6 | 1.4 | .5 | .4 | .7 | .2 | .4 | .4 | .2 | .2 | | | | | | 42 | 42 | | | | | |
| 70/ 69 | | .2 | 1.1 | .5 | .2 | 1.2 | .5 | .1 | .2 | | .8 | .1 | .4 | | | | | 45 | 45 | 4 | | | | |
| 68/ 67 | .1 | .4 | 1.3 | 1.0 | 1.2 | 1.3 | .5 | .5 | .4 | .4 | .5 | .4 | | | | | | 65 | 65 | 19 | 3 | | | |
| 66/ 65 | | .7 | 1.0 | 1.0 | 2.2 | .6 | .6 | .5 | .8 | 1.3 | .1 | | | | | | | 73 | 73 | 25 | 16 | | | |
| 64/ 63 | | .7 | .5 | 1.0 | .7 | 1.3 | 1.2 | 1.3 | 1.6 | 1.1 | .4 | | | | | | | 81 | 81 | 36 | 17 | | | |
| 62/ 61 | .1 | 1.1 | .5 | 1.3 | 1.1 | 1.7 | 1.4 | .7 | 1.2 | 1.0 | | | | | | | | 84 | 84 | 43 | 26 | | | |
| 60/ 59 | | 1.1 | .7 | 1.7 | 1.1 | 1.9 | 1.1 | 2.3 | .5 | .4 | | | | | | | | 89 | 89 | 63 | 28 | | | |
| 58/ 57 | .1 | .8 | 1.1 | 1.6 | .7 | 1.3 | 1.7 | .6 | .2 | | | | | | | | | 68 | 68 | 51 | 35 | | | |
| 56/ 55 | | .7 | .7 | 1.4 | 1.0 | 1.7 | 1.0 | .7 | .1 | | | | | | | | | 61 | 61 | 41 | 31 | | | |
| 54/ 53 | | .1 | .7 | 1.1 | 1.1 | 1.6 | 2.0 | .4 | .1 | | | | | | | | | 59 | 59 | 76 | 47 | | | |
| 52/ 51 | | .7 | .6 | .8 | .2 | 1.1 | .7 | | | | | | | | | | | 35 | 35 | 59 | 49 | | | |
| 50/ 49 | .2 | .6 | .8 | 1.2 | .6 | .6 | .1 | .2 | | | | | | | | | | 37 | 37 | 96 | 34 | | | |
| 48/ 47 | | .2 | .4 | .4 | .2 | .1 | .4 | | | | | | | | | | | 14 | 14 | 83 | 46 | | | |
| 46/ 45 | | .1 | .2 | .2 | .1 | | .1 | | | | | | | | | | | 7 | 7 | 94 | 36 | | | |
| 44/ 43 | | .2 | .4 | | | .4 | | | | | | | | | | | | 8 | 8 | 52 | 41 | | | |
| 42/ 41 | | .1 | .5 | 1.1 | .2 | | | .4 | | | | | | | | | | 19 | 19 | 42 | 45 | | | |
| 40/ 39 | | | .1 | | .2 | | .1 | | | | | | | | | | | 4 | 4 | 20 | 47 | | | |
| 38/ 37 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 6 | 34 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 13 | 40 | | | |
| 34/ 33 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 7 | 35 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 41 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 45 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 35 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 35 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 14 | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 18 | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 11 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70, 73, 75-81

YEARS

MAR
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|---|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| 11 / 9 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| 6 / 5 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| 4 / 3 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | |
| -6 / -7 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| TOTAL | .6 | 7.9 | 11.1 | 16.0 | 11.7 | 16.2 | 13.3 | 8.5 | 5.9 | 4.0 | 2.3 | 1.0 | .7 | .1 | | | | 837 | 837 | 837 | 837 | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME

70.73-81 YEARS

MAR MONTH

PAGE 1

ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|------------------------------------|--------|--|--------|--|--------|--|--------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .1 | 7 | 7 | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | .0 | .1 | 13 | 13 | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .1 | 18 | 18 | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | .0 | .1 | .1 | .0 | .1 | .1 | .1 | .0 | 34 | 34 | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | .1 | .2 | .0 | .0 | .1 | .0 | .2 | .1 | | 50 | 50 | | | | | | | | | | | | | |
| 84/ 83 | | | | .0 | | | | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | | | 69 | 69 | | | | | | | | | | | | | |
| 82/ 81 | | | | .0 | | .0 | .1 | .3 | .2 | .3 | .3 | .1 | .2 | .1 | .1 | | | 114 | 114 | | | | | | | | | | | | | |
| 80/ 79 | | | .0 | .0 | .0 | .2 | .3 | .3 | .2 | .4 | .2 | .4 | .3 | .3 | .0 | | | 174 | 174 | | | | | | | | | | | | | |
| 78/ 77 | | | | .0 | .2 | .2 | .5 | .4 | .4 | .3 | .4 | .4 | .5 | .3 | | | | 231 | 231 | 1 | | | | | | | | | | | | |
| 76/ 75 | | | .0 | .2 | .4 | .5 | .3 | .4 | .3 | .3 | .3 | .4 | .6 | .3 | | | | 262 | 262 | 3 | 1 | | | | | | | | | | | |
| 74/ 73 | | | .0 | .5 | .4 | .5 | .8 | .2 | .3 | .3 | .4 | .5 | .3 | .0 | | | | 257 | 257 | 4 | 2 | | | | | | | | | | | |
| 72/ 71 | | .0 | .6 | .8 | .4 | .4 | .6 | .4 | .5 | .5 | .6 | .6 | .2 | | | | | 366 | 366 | 13 | 5 | | | | | | | | | | | |
| 70/ 69 | | .4 | 1.1 | .5 | .5 | .6 | .5 | .3 | .5 | .7 | .7 | .4 | .1 | | | | | 424 | 424 | 43 | 4 | | | | | | | | | | | |
| 68/ 67 | .0 | 1.0 | 1.0 | .6 | .8 | .5 | .5 | .4 | .7 | .5 | .4 | .5 | | | | | | 474 | 474 | 248 | 47 | | | | | | | | | | | |
| 66/ 65 | .1 | 1.3 | .6 | .5 | .7 | .5 | .7 | .7 | .7 | .6 | .4 | .1 | | | | | | 474 | 474 | 368 | 185 | | | | | | | | | | | |
| 64/ 63 | .0 | 1.5 | .7 | .7 | .5 | .7 | .6 | .6 | .7 | .4 | .2 | | | | | | | 442 | 442 | 349 | 243 | | | | | | | | | | | |
| 62/ 61 | .2 | 1.4 | .8 | .7 | .8 | .8 | .7 | .7 | .6 | .4 | .1 | | | | | | | 487 | 487 | 411 | 277 | | | | | | | | | | | |
| 60/ 59 | .1 | 1.3 | .9 | .6 | .7 | .8 | .6 | .9 | .6 | .2 | | | | | | | | 449 | 449 | 435 | 262 | | | | | | | | | | | |
| 58/ 57 | .1 | 1.1 | 1.1 | .8 | .7 | .9 | .9 | .5 | .3 | .1 | | | | | | | | 434 | 434 | 480 | 305 | | | | | | | | | | | |
| 56/ 55 | .1 | 1.0 | .6 | .9 | .7 | .7 | .6 | .5 | .1 | | | | | | | | | 353 | 353 | 466 | 290 | | | | | | | | | | | |
| 54/ 53 | .1 | .7 | .7 | 1.1 | .8 | .5 | .8 | .2 | .1 | | | | | | | | | 335 | 335 | 551 | 325 | | | | | | | | | | | |
| 52/ 51 | .1 | 1.0 | 1.0 | .7 | .7 | .7 | .4 | .0 | | | | | | | | | | 310 | 310 | 569 | 315 | | | | | | | | | | | |
| 50/ 49 | .1 | 1.0 | .7 | .7 | .7 | .7 | .2 | .0 | .0 | | | | | | | | | 293 | 293 | 597 | 284 | | | | | | | | | | | |
| 48/ 47 | .0 | .4 | .5 | .7 | .6 | .4 | .1 | .0 | .0 | | | | | | | | | 194 | 194 | 555 | 311 | | | | | | | | | | | |
| 46/ 45 | | .3 | .5 | .5 | .4 | .1 | .1 | .0 | | | | | | | | | | 135 | 135 | 437 | 320 | | | | | | | | | | | |
| 44/ 43 | | .2 | .4 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | | 100 | 100 | 347 | 317 | | | | | | | | | | | |
| 42/ 41 | | .3 | .6 | .6 | .1 | .1 | .0 | .0 | | | | | | | | | | 119 | 119 | 289 | 297 | | | | | | | | | | | |
| 40/ 39 | .0 | .2 | .3 | .2 | .1 | .0 | .1 | | | | | | | | | | | 63 | 63 | 212 | 321 | | | | | | | | | | | |
| 38/ 37 | | .2 | .2 | .1 | .0 | .1 | .0 | | | | | | | | | | | 47 | 47 | 141 | 310 | | | | | | | | | | | |
| 36/ 35 | .0 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 27 | 27 | 85 | 356 | | | | | | | | | | | |
| 34/ 33 | | .1 | .1 | .0 | .0 | | | | | | | | | | | | | 20 | 20 | 54 | 330 | | | | | | | | | | | |
| 32/ 31 | | | .0 | .0 | .1 | | | | | | | | | | | | | 11 | 11 | 32 | 328 | | | | | | | | | | | |
| 30/ 29 | | .0 | .0 | .0 | .0 | | | | | | | | | | | | | 4 | 4 | 29 | 271 | | | | | | | | | | | |
| Element (X) | Σ H | | Σ H | | Σ H | | Σ H | | Σ H | | Σ H | | Σ H | | Σ H | | Σ H | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

20-23-81

YEARS

MAR
MONTH

PAGE 2

HOURS (L. S. T.)

U.S. SAFETY DATA SHEET
FORM 101-21
0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION NAME

YEAR

APP
MONIT

0000-0200
HOURS (L - S - T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 90/ 79 | | | | | | .1 | .3 | .1 | .1 | .3 | .1 | | | | | .1 | | 9 | 9 | | | | | |
| 78/ 77 | | | | | .1 | .1 | .1 | .1 | | .1 | | | | | .1 | | | 6 | 6 | | | | | |
| 76/ 75 | | | .9 | .6 | .6 | .3 | .4 | | | | | | | | .1 | | | 20 | 20 | | | | | |
| 74/ 73 | | .1 | 1.8 | 1.3 | | .4 | .1 | | .3 | | .1 | | | | | | | 29 | 29 | | | | | |
| 72/ 71 | | .4 | 3.7 | .9 | 1.0 | .3 | .3 | .1 | .1 | .6 | | .3 | | | | | | 53 | 53 | 9 | | | | |
| 70/ 69 | | 2.0 | 5.1 | 1.3 | .4 | | .6 | .3 | .4 | .3 | .4 | | | | | | | 75 | 75 | 35 | | | | |
| 68/ 67 | | 4.4 | 3.8 | 2.2 | 1.6 | .7 | .3 | .1 | .7 | .1 | | .1 | | | | | | 97 | 97 | 55 | | | | |
| 66/ 65 | .1 | 4.0 | 1.2 | 1.6 | 1.5 | .6 | | .4 | .7 | .6 | .1 | .1 | | | | | | 75 | 75 | 90 | | | | |
| 64/ 63 | .4 | 4.0 | 1.3 | 1.2 | .9 | 1.2 | .4 | .4 | 1.0 | .1 | | | | | | | | 75 | 75 | 66 | | | | |
| 62/ 61 | | 3.8 | 1.5 | 1.9 | 1.5 | .1 | 1.2 | 1.0 | .1 | .6 | | | | | | | | 80 | 80 | 55 | | | | |
| 60/ 59 | | 1.9 | 1.5 | .7 | .4 | .4 | .7 | .3 | .4 | | | | | | | | | 44 | 44 | 64 | | | | |
| 58/ 57 | .1 | 1.3 | .7 | .6 | .9 | .6 | .1 | .3 | .3 | .1 | | | | | | | | 35 | 35 | 48 | | | | |
| 56/ 55 | .3 | .4 | .6 | .1 | .1 | .6 | .3 | .1 | .4 | | | | | | | | | 21 | 21 | 53 | | | | |
| 54/ 53 | .3 | .4 | .4 | .6 | .4 | | | | | | | | | | | | | 18 | 18 | 36 | | | | |
| 52/ 51 | .1 | .4 | 1.3 | | .6 | .4 | .3 | | | | | | | | | | | 22 | 22 | 35 | | | | |
| 50/ 49 | | .3 | .3 | .1 | .6 | .3 | .3 | | | | | | | | | | | 13 | 13 | 35 | | | | |
| 48/ 47 | | | | .3 | .1 | .1 | .1 | | | | | | | | | | | 5 | 5 | 38 | | | | |
| 46/ 45 | | | | .1 | .1 | .1 | .1 | | | | | | | | | | | 4 | 4 | 18 | | | | |
| 44/ 43 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 17 | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 12 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 11 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 18 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 8 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 10 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 7 | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 8 | | | | |
| St. cond (H) | S _W | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME

70, 73, 75-81

YEARS

APR
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

20.73.75-A1

YEARS

APR
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX STATION NAME

70, 73-81 YEARS

APR MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------------|------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|-------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 76/ 75 | | | .5 | .2 | | | | | | | | | | | | | | 6 | 6 | | | | | | |
| 74/ 73 | | .8 | 1.6 | .2 | .5 | | | | .2 | | .1 | .1 | | | | | | 31 | 31 | | | | | | |
| 72/ 71 | | 1.7 | 2.1 | .3 | .2 | .2 | .2 | .1 | | | | | | | | | | 41 | 41 | 20 | 1 | | | | |
| 70/ 69 | | 3.6 | 3.2 | .3 | .2 | .2 | .3 | .3 | | .2 | .1 | | | | | | | 75 | 75 | 34 | 31 | | | | |
| 68/ 67 | .7 | 4.9 | 3.2 | .7 | .6 | | .2 | .1 | .3 | .2 | .1 | | | | | | | 97 | 97 | 73 | 53 | | | | |
| 66/ 65 | 1.3 | 5.4 | 3.6 | 1.0 | .7 | .5 | | .1 | .3 | .1 | | | | | | | | 113 | 113 | 100 | 86 | | | | |
| 64/ 63 | .3 | 4.0 | 2.2 | 1.0 | .2 | | 1.0 | .2 | .1 | .1 | .1 | | | | | | | 82 | 82 | 64 | 80 | | | | |
| 62/ 61 | .5 | 3.2 | 2.2 | 1.7 | .3 | .3 | .8 | .6 | .1 | .2 | | | | | | | | 87 | 87 | 71 | 48 | | | | |
| 60/ 59 | .3 | 4.0 | 1.7 | .9 | | .2 | .5 | .8 | | | | | | | | | | 74 | 74 | 73 | 68 | | | | |
| 58/ 57 | .2 | 2.2 | 1.6 | .8 | .2 | 1.3 | 1.0 | .7 | .2 | | | | | | | | | 72 | 72 | 78 | 66 | | | | |
| 56/ 55 | .2 | 1.3 | 1.8 | .6 | .7 | .5 | .5 | .5 | | | | | | | | | | 52 | 52 | 54 | 54 | | | | |
| 54/ 53 | .5 | .9 | 1.3 | .3 | .3 | .9 | .2 | .1 | | | | | | | | | | 40 | 40 | 45 | 46 | | | | |
| 52/ 51 | .1 | .9 | .7 | .1 | .9 | .7 | | .1 | | | | | | | | | | 31 | 31 | 45 | 42 | | | | |
| 50/ 49 | | .7 | .3 | .2 | .3 | .8 | .1 | | | | | | | | | | | 22 | 22 | 51 | 32 | | | | |
| 48/ 47 | | | .2 | | .5 | .1 | | | | | | | | | | | | 7 | 7 | 36 | 31 | | | | |
| 46/ 45 | | | .2 | .5 | .7 | .3 | | | | | | | | | | | | 15 | 15 | 29 | 25 | | | | |
| 44/ 43 | | | .6 | .7 | .1 | | | | | | | | | | | | | 12 | 12 | 30 | 9 | | | | |
| 42/ 41 | | | .1 | .3 | | | | | | | | | | | | | | 4 | 4 | 20 | 13 | | | | |
| 40/ 39 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 19 | 24 | | | | |
| 38/ 37 | | | .5 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 12 | 17 | | | | |
| 36/ 35 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 9 | 22 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 3 | 27 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 3 | 22 | | | | |
| 30/ 29 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 23 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 19 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 | 12 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 8 | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | 4.1 | 33.7 | 27.8 | 10.3 | 6.4 | 6.1 | 4.9 | 3.7 | 1.4 | .9 | .5 | .1 | | | | | | 870 | 870 | 870 | 870 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (K) | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | |
| Rel. Hum. | 5277128 | | 65866 | | 75.220.095 | | 870 | | = 6 F | | = 32 F | | = 67 F | | = 73 F | | = 80 F | | = 92 F | | Total | | | | |
| Dry Bulb | 3362042 | | 53690 | | 61.7 7.885 | | 870 | | | | .1 | | 25.9 | | 3.8 | | | | | | 90 | | | | |
| Wet Bulb | 2908038 | | 49686 | | 57.1 9.004 | | 870 | | | | .8 | | 13.1 | | | | | | | | 90 | | | | |
| Dew Point | 2570621 | | 45929 | | 52.8 2.959 | | 870 | | | | 9.8 | | 8.8 | | | | | | | | 90 | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX

70-73-81

YEARS

APR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|-------|------------------------------------|--------|--------|--------|--------|--------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|--|--|-----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | .1 | .1 | .1 | | | | | 3 | 3 | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | .2 | | | | | | .1 | .2 | .2 | 7 | 7 | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | .1 | .4 | .2 | | | | .2 | .1 | .1 | | | | | 11 | 11 | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | .3 | .7 | .7 | .2 | .2 | .1 | .2 | .3 | .4 | .2 | .1 | | | 32 | 32 | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | .9 | .8 | .4 | .4 | .4 | .2 | .3 | .3 | .4 | .2 | .1 | | | | 42 | 42 | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | .8 | 1.6 | 2.2 | .4 | .4 | .6 | .1 | .3 | .2 | .3 | .3 | .1 | | | | 67 | 67 | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | .6 | 2.7 | 2.6 | .8 | .9 | 1.1 | .7 | .3 | .6 | .2 | .6 | | .1 | | | | 99 | 99 | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | 1.3 | 2.2 | 3.0 | 1.5 | .9 | .9 | .7 | .6 | .6 | .6 | .1 | .1 | | | | | 111 | 111 | | | | | | | | | | | | | | 44 | 2 | | | |
| 70/ 69 | .1 | 1.8 | 4.5 | 1.7 | 1.9 | .7 | .8 | .3 | .4 | .2 | .7 | .2 | | | | | | 116 | 116 | | | | | | | | | | | | | | 73 | 41 | | | |
| 68/ 67 | .3 | 3.1 | 3.0 | 1.5 | 1.9 | 1.0 | .7 | .6 | 1.0 | .4 | .8 | .1 | | | | | | 129 | 129 | | | | | | | | | | | | | | 116 | 67 | | | |
| 66/ 65 | .2 | 2.2 | 1.7 | 2.2 | .7 | .3 | .6 | .8 | .9 | .1 | .2 | | | | | | | 89 | 89 | | | | | | | | | | | | | | 95 | 95 | | | |
| 64/ 63 | | 1.2 | 1.1 | 1.1 | .7 | .3 | .1 | .6 | .7 | .3 | | | | | | | | 55 | 55 | | | | | | | | | | | | | | 83 | 89 | | | |
| 62/ 61 | .1 | .8 | .8 | .7 | .1 | .2 | .6 | .3 | .4 | | | | | | | | | 36 | 36 | | | | | | | | | | | | | | 92 | 67 | | | |
| 60/ 59 | .2 | .6 | .4 | .7 | .3 | .1 | .7 | .4 | | | | | | | | | | 31 | 31 | | | | | | | | | | | | | | 75 | 58 | | | |
| 58/ 57 | .1 | .4 | .6 | .3 | .2 | .1 | .7 | .4 | .1 | | | | | | | | | 27 | 27 | | | | | | | | | | | | | | 64 | 59 | | | |
| 56/ 55 | .1 | .2 | .2 | | | | .4 | .3 | .1 | | | | | | | | | 13 | 13 | | | | | | | | | | | | | | 52 | 54 | | | |
| 54/ 53 | .2 | .1 | .3 | | .2 | .2 | .1 | .1 | | | | | | | | | | 12 | 12 | | | | | | | | | | | | | | 51 | 44 | | | |
| 52/ 51 | | .1 | | | .2 | .2 | .2 | .1 | | | | | | | | | | 8 | 8 | | | | | | | | | | | | | | 36 | 30 | | | |
| 50/ 49 | | | | | .1 | .2 | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | 46 | 37 | | | |
| 48/ 47 | | | | .1 | .1 | | .1 | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | 20 | 20 | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 19 | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 14 | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 21 | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 17 | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 29 | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | | |
| Element (K) | Σ R ² | | | Σ R | | | Σ R | Σ R | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

722615 LAUGH LIN AFB TX
STATION STATION NAME

70-73-81

YEARS

APR
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX

70-73-81

YEARS

APR MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | |
| 96/ 95 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | |
| 94/ 93 | | | | | | | | | | | | | | | | | .1 | 7 | 7 | |
| 92/ 91 | | | | | | | | | | | | | | .3 | .2 | .3 | .2 | 10 | 10 | |
| 90/ 89 | | | | | | | | .1 | .1 | .4 | .2 | .1 | .2 | .2 | .1 | .3 | .17 | 17 | 17 | |
| 88/ 87 | | | | | | | .1 | .7 | .4 | .7 | .3 | .2 | .1 | .4 | .3 | .1 | .27 | 27 | 27 | |
| 86/ 85 | | | | | | .3 | .3 | .7 | .7 | .3 | .2 | .1 | .3 | .7 | .4 | .1 | .35 | 35 | 35 | |
| 84/ 83 | | | | | .7 | 1.0 | 1.0 | .7 | 1.0 | .4 | .1 | .3 | .4 | .2 | .1 | | .54 | 54 | 54 | |
| 82/ 81 | | | | .2 | 1.4 | 1.7 | 1.3 | .7 | .3 | .8 | .3 | .8 | 1.1 | .2 | | | .80 | 80 | 80 | |
| 80/ 79 | | | .4 | 1.0 | 1.7 | .8 | .4 | 1.2 | .9 | .2 | .6 | 1.1 | .7 | .1 | | | .82 | 82 | 82 | |
| 78/ 77 | | | .8 | 2.1 | 2.6 | 1.3 | .9 | 1.2 | .6 | .4 | .6 | .8 | .4 | | | | 105 | 105 | | |
| 76/ 75 | | | 1.3 | 2.2 | 2.9 | 1.2 | .8 | 1.4 | .6 | .8 | .7 | .3 | .1 | | | | 116 | 116 | 4 | |
| 74/ 73 | | .1 | 1.0 | 1.9 | 1.4 | 1.0 | .9 | .4 | .4 | .7 | 1.4 | .3 | .6 | | | | 92 | 92 | 27 | |
| 72/ 71 | | .2 | 1.1 | 1.9 | 1.1 | 1.6 | .4 | .4 | .7 | .8 | .7 | .2 | | | | | 82 | 82 | 74 | 3 |
| 70/ 69 | | .6 | .9 | 1.0 | 1.3 | .4 | .3 | .2 | .4 | .6 | .3 | | | | | | 55 | 55 | 112 | 43 |
| 68/ 67 | .1 | .8 | .9 | .6 | .4 | .2 | .4 | .2 | .7 | .3 | .1 | | | | | | 43 | 43 | 118 | 53 |
| 66/ 65 | .1 | .6 | .3 | .2 | .6 | | .1 | .2 | .2 | .3 | .1 | | | | | | 25 | 25 | 81 | 95 |
| 64/ 63 | | .3 | .3 | .2 | .1 | | .2 | .1 | .7 | .2 | .2 | | | | | | 22 | 22 | 91 | 86 |
| 62/ 61 | .1 | .2 | .1 | .7 | .2 | | .1 | .1 | .3 | .2 | | | | | | | 19 | 19 | 92 | 62 |
| 60/ 59 | | .2 | | .1 | | | .3 | .1 | .1 | .2 | | | | | | | 10 | 10 | 52 | 46 |
| 58/ 57 | .1 | .2 | .2 | | | | .1 | .1 | .1 | | | | | | | | 8 | 8 | 57 | 63 |
| 56/ 55 | | | | .1 | | | .2 | | | | | | | | | | 3 | 3 | 57 | 45 |
| 54/ 53 | | .1 | .3 | | | | .1 | | | | | | | | | | 5 | 5 | 46 | 49 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | 36 | 37 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | 17 | 24 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | 17 | 18 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | 10 | 27 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | 7 | 20 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | 2 | 20 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 22 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 26 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 29 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 20 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 27 |
| Element (X) | Σ R ¹ | | Σ R | | Σ | | Σ _A | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 6 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-81

YEARS

APR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME

70-13-A1

YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX

70, 73-81

YEARS

APR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|----------|------|------------|-------|----------|-------|------------------------------------|------------|------------|------------|------------|------------|-----|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 100/ 99 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | | |
| 98/ 97 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | .4 | 6 | 6 | | | | | |
| 94/ 93 | | | | | | | | | | | | | | .1 | .1 | | .2 | 4 | 4 | | | | | |
| 92/ 91 | | | | | | | | | | | | .1 | | | .1 | .1 | .2 | 5 | 5 | | | | | |
| 90/ 89 | | | | | | | | .1 | | .1 | .2 | .2 | | .2 | .1 | .5 | .2 | 15 | 15 | | | | | |
| 88/ 87 | | | | | | | | .4 | .6 | | .2 | .1 | .1 | .4 | .5 | .4 | | 22 | 22 | | | | | |
| 86/ 85 | | | | | | .1 | .5 | .6 | 1.1 | .4 | .9 | .6 | .5 | .1 | .5 | .2 | | 45 | 45 | | | | | |
| 84/ 83 | | | | | | .5 | .4 | 1.1 | 1.0 | 1.1 | .2 | | .2 | .9 | .2 | .1 | | 47 | 47 | | | | | |
| 82/ 81 | | | | | .1 | .7 | 1.4 | .9 | 1.2 | .7 | .2 | .6 | .2 | 1.4 | .5 | | | 65 | 65 | | | | | |
| 80/ 79 | | | | .2 | .9 | 1.0 | .9 | .7 | .6 | .4 | .4 | .6 | .6 | .6 | .1 | | | 57 | 57 | | | | | |
| 78/ 77 | | | | .9 | 1.9 | 1.5 | 1.2 | 1.0 | .9 | .6 | .6 | .9 | .5 | .6 | | | | 85 | 85 | | | | | |
| 76/ 75 | | | .6 | 1.9 | 1.7 | 1.7 | .7 | 1.9 | 1.4 | .9 | .4 | .9 | .4 | .2 | | | | 102 | 102 | 4 | | | | |
| 74/ 73 | | | 1.1 | 1.4 | .9 | 1.2 | 1.1 | .9 | 1.0 | .2 | .2 | .5 | .2 | | | | | 71 | 71 | 18 | | | | |
| 72/ 71 | .2 | 1.1 | 1.1 | .5 | 1.2 | 1.4 | 1.0 | .5 | .5 | .4 | .4 | | | | | | | 67 | 67 | 47 | 2 | | | |
| 70/ 69 | .6 | 2.8 | .7 | 1.5 | .9 | .4 | .7 | .4 | .6 | .4 | .4 | | | | | | | 76 | 76 | 83 | 37 | | | |
| 68/ 67 | .5 | 1.2 | .5 | .6 | .7 | 1.0 | .2 | .2 | .4 | .4 | | | | | | | | 47 | 47 | 97 | 38 | | | |
| 66/ 65 | .2 | .2 | .1 | .2 | .4 | .2 | .2 | .5 | .2 | .4 | | | | | | | | 23 | 23 | 88 | 60 | | | |
| 64/ 63 | .9 | .5 | .2 | | .2 | .1 | .2 | .1 | .5 | .2 | | | | | | | | 25 | 25 | 85 | 59 | | | |
| 62/ 61 | | .2 | .5 | | .1 | .4 | .2 | .2 | .1 | | | | | | | | | 15 | 15 | 72 | 77 | | | |
| 60/ 59 | .1 | .9 | | | | .1 | .2 | .2 | | | | | | | | | | 13 | 13 | 66 | 45 | | | |
| 58/ 57 | .5 | .1 | | | .1 | | .2 | | | | | | | | | | | 8 | 8 | 78 | 39 | | | |
| 56/ 55 | | .1 | | | | .2 | .2 | .1 | | | | | | | | | | 6 | 6 | 61 | 53 | | | |
| 54/ 53 | .1 | | | | | .1 | | .1 | | | | | | | | | | 3 | 3 | 29 | 51 | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 28 | 38 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 16 | 24 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 12 | 34 | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 13 | 31 | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 7 | 18 | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 3 | 12 | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | 15 | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 21 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 33 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 16 | | | |
| Element (X) | ΣX^2 | | ΣX | | Σ | | σ_n | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | |
| Rel. Hum. | | | | | | | | | | | $\pm 0 F$ | $\pm 32 F$ | $\pm 67 F$ | $\pm 73 F$ | $\pm 80 F$ | $\pm 93 F$ | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

722615 LAUGH IN AFB TX
STATION STATION NAME

70-73-81

YEARS

APR
MONTH

PAGE 2 ~~1800-2000~~
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

~~APR~~
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70,73,75-81

YEARS

APR
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

20.73-81

YEARS

APR
MONTH

PAGE 2

NOV 1963 (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX

70-75-81

YEARS

MAY
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|----------------|----------------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-----|--------------------|----------|-----------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | Dry Bulb | Wet Bulb | Dew Point | |
| 84/ 83 | | | | | | .4 | | | | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | | | | .6 | | | | | | | | | | | | 4 | 4 | | |
| 80/ 79 | | | .4 | .1 | | 1.4 | .3 | | | | | | | | | | | 16 | 16 | | |
| 78/ 77 | | | .9 | .7 | .7 | .3 | .4 | | .1 | | | | | | | | | 22 | 22 | | |
| 76/ 75 | | .4 | 2.3 | 2.7 | .3 | .3 | .6 | .7 | | | | | | | | | | 51 | 51 | 3 | 3 |
| 74/ 73 | | 1.6 | 4.1 | 2.1 | .1 | .6 | 1.0 | | | | | | | | | | | 67 | 67 | 15 | 5 |
| 72/ 71 | .6 | 3.6 | 4.1 | 1.4 | .3 | .7 | .6 | .1 | | | | | | | | | | 80 | 80 | 56 | 21 |
| 70/ 69 | 1.3 | 5.1 | 4.6 | 1.4 | 1.1 | 1.0 | | | | | | | | | | | | 102 | 102 | 99 | 69 |
| 68/ 67 | .1 | 6.1 | 7.7 | 1.6 | 1.9 | .1 | .1 | .1 | | | | | | | | | | 125 | 125 | 93 | 87 |
| 66/ 65 | .7 | 4.1 | 3.6 | 1.4 | .1 | .7 | .1 | | | | | | | | | | | 76 | 76 | 101 | 99 |
| 64/ 63 | | 3.0 | 1.1 | 1.9 | | .3 | | | | | | | | | | | | 44 | 44 | 107 | 84 |
| 62/ 61 | | 2.1 | 1.4 | 1.1 | .3 | | .1 | | | | | | | | | | | 36 | 36 | 67 | 82 |
| 60/ 59 | | 1.6 | .7 | .1 | .1 | | .1 | .1 | | | | | | | | | | 20 | 20 | 47 | 39 |
| 58/ 57 | | .6 | 1.1 | .4 | .1 | .1 | | | | | | | | | | | | 17 | 17 | 36 | 46 |
| 56/ 55 | | .1 | .9 | .7 | .1 | .1 | | | | | | | | | | | | 14 | 14 | 22 | 47 |
| 54/ 53 | | | 1.4 | .6 | | | | | | | | | | | | | | 14 | 14 | 11 | 46 |
| 52/ 51 | | | .3 | | .3 | | | | | | | | | | | | | 4 | 4 | 11 | 11 |
| 50/ 49 | | .3 | .4 | | | | | | | | | | | | | | | 5 | 5 | 18 | 7 |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 19 |
| 46/ 45 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 5 | 16 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 11 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 4 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.728 | 8.835 | 0.16.5 | 5.6 | 6.7 | 3.4 | 1.1 | .1 | | | | | | | | | | 702 | 702 | | 702 |
| | | | | | | | | | | | | | | | | | | | 702 | 702 | |
| | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | X ₁ | X ₂ | X ₃ | X ₄ | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | Total |
| Rel. Hum. | 4575207 | 55971 | 79.7 | 12.678 | 702 | ≤ 6 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | | |
| Dry Bulb | 3280878 | 47798 | 68.1 | 6.136 | 702 | | | | | | 62.3 | 21.6 | 1.7 | | | | | | | | |
| Wet Bulb | 2896159 | 44889 | 63.9 | 6.062 | 702 | | | | | | 35.2 | 2.4 | | | | | | | | | |
| Dew Point | 2677183 | 43045 | 61.3 | 7.340 | 702 | | | | | | .1 | 28.5 | 1.1 | | | | | | | | |

USAFETAC FORM 70 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70.73-81 YEARS MAY MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | .2 | | | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | .1 | | | .2 | .2 | | | | | | | | | | 5 | 5 | | |
| 80/ 79 | | | .3 | .2 | .1 | .6 | .2 | .1 | | | | | | | | | 14 | 14 | | |
| 78/ 77 | | .1 | .9 | .8 | .5 | .5 | .1 | .2 | | | | | | | | | 27 | 27 | 1 | |
| 76/ 75 | | .8 | 2.4 | 1.4 | .1 | .6 | .7 | .1 | .2 | | | | | | | | 60 | 60 | 5 | 3 |
| 74/ 73 | | 2.5 | 5.0 | 1.8 | .7 | 1.0 | 1.0 | .2 | | .1 | | | | | | | 109 | 109 | 25 | 10 |
| 72/ 71 | .2 | 4.2 | 6.1 | 1.7 | 1.0 | .7 | .5 | .2 | | | | | | | | | 129 | 129 | 78 | 33 |
| 70/ 69 | .9 | 4.2 | 5.4 | 1.2 | 2.3 | .8 | | | | | | | | | | | 131 | 131 | 121 | 95 |
| 68/ 67 | .2 | 4.9 | 6.1 | 1.4 | 1.5 | .3 | .1 | .2 | .1 | | | | | | | | 131 | 131 | 131 | 111 |
| 66/ 65 | .3 | 4.2 | 2.9 | 1.2 | .7 | .5 | .1 | .1 | | | | | | | | | 89 | 89 | 107 | 121 |
| 64/ 63 | | 2.4 | 1.6 | 1.5 | .5 | .5 | .3 | | | | | | | | | | 59 | 59 | 131 | 98 |
| 62/ 61 | | 1.2 | 1.1 | .9 | .6 | .1 | .2 | | | | | | | | | | 37 | 37 | 75 | 77 |
| 60/ 59 | | 1.0 | 1.2 | .5 | .2 | | | .1 | | | | | | | | | 27 | 27 | 62 | 65 |
| 58/ 57 | | .8 | .6 | .1 | .6 | .3 | | | | | | | | | | | 21 | 21 | 41 | 53 |
| 56/ 55 | | .1 | 1.0 | .5 | .2 | | | | | | | | | | | | 16 | 16 | 27 | 63 |
| 54/ 53 | | .1 | .2 | .5 | .2 | | | | | | | | | | | | 9 | 9 | 26 | 40 |
| 52/ 51 | | .2 | .2 | | | | | | | | | | | | | | 4 | 4 | 16 | 24 |
| 50/ 49 | | .2 | .5 | .2 | | | | | | | | | | | | | 8 | 8 | 15 | 17 |
| 48/ 47 | | .2 | | | .1 | | | | | | | | | | | | 3 | 3 | 11 | 18 |
| 46/ 45 | | .1 | | | | | | | | | | | | | | | 1 | 1 | 7 | 17 |
| 44/ 43 | | | .1 | | | | | | | | | | | | | | 1 | 1 | 3 | 15 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 27.3 | 35.9 | 14.4 | 9.2 | 6.2 | 3.6 | 1.4 | .3 | .1 | | | | | | | 884 | 884 | 884 | 884 |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ¹ | | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | |
| Rel. Hum. | 5643759 | | 69641 | | 78.8 | | 3.355 | | 884 | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | |
| Dry Bulb | 4168365 | | 60967 | | 68.4 | | 6.051 | | 884 | | | | 68.1 | 22.9 | 1.4 | | | | 93 | |
| Wet Bulb | 3661249 | | 56621 | | 64.1 | | 6.262 | | 884 | | | | 38.0 | 3.3 | | | | | 93 | |
| Dew Point | 3368568 | | 54132 | | 61.2 | | 7.808 | | 884 | | | | .1 | 26.5 | 1.8 | | | | 93 | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81

YEARS

MAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|----------|----------|-----------|--------------------|-------|----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 102/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | | |
| 100/ 99 | | | | | | | | | | | | | | | .1 | | .2 | 3 | 3 | | | | | |
| 98/ 97 | | | | | | | | | | | | .1 | .4 | .1 | | .2 | | 8 | 8 | | | | | |
| 96/ 95 | | | | | | | | | | | | .2 | .2 | .1 | | | | 7 | 7 | | | | | |
| 94/ 93 | | | | | | | | | | .5 | .8 | .2 | .3 | .2 | | .1 | .2 | 22 | 22 | | | | | |
| 92/ 91 | | | | | | | | .4 | .7 | 1.2 | .3 | .7 | .5 | .3 | .3 | .4 | | 45 | 45 | | | | | |
| 90/ 89 | | | | | | | .2 | 1.6 | 1.3 | 1.2 | .7 | .9 | .1 | .2 | .3 | .2 | | 62 | 62 | | | | | |
| 88/ 87 | | | | | | .1 | 1.7 | 1.6 | 1.5 | 1.1 | .5 | .4 | .5 | .1 | .1 | | | 72 | 72 | | | | | |
| 86/ 85 | | | | | .1 | 1.4 | 2.9 | 2.0 | 1.5 | .7 | .7 | .4 | .1 | | | | | 90 | 90 | | | | | |
| 84/ 83 | | | | .1 | .4 | 2.1 | 2.4 | 2.4 | 1.0 | .7 | .2 | .4 | .2 | | | | | 91 | 91 | | | | | |
| 82/ 81 | | | .2 | 2.3 | 1.8 | 3.4 | .5 | 1.7 | .4 | .2 | .5 | .1 | | | | | | 104 | 104 | | | | | |
| 80/ 79 | | | 2.1 | 2.5 | 2.4 | 1.7 | 1.3 | .8 | .9 | .7 | .4 | | | | | | | 117 | 117 | | | | | |
| 78/ 77 | | .2 | 1.3 | 2.4 | 1.3 | .2 | .8 | .9 | .5 | .5 | .1 | | | | | | | 76 | 77 | 21 | | | | |
| 76/ 75 | .1 | 1.7 | 2.1 | 1.6 | .5 | .7 | .5 | .8 | .3 | .5 | | | | | | | | 82 | 82 | 77 | 1 | | | |
| 74/ 73 | .8 | 1.0 | 1.7 | .7 | .5 | .4 | .2 | .1 | .7 | .1 | | | | | | | | 57 | 57 | 166 | 7 | | | |
| 72/ 71 | .4 | .8 | .5 | .3 | .1 | .2 | .3 | .3 | .2 | | | | | | | | | 30 | 30 | 143 | 62 | | | |
| 70/ 69 | .7 | .8 | .4 | .4 | .1 | | .3 | .1 | | | | | | | | | | 26 | 26 | 153 | 131 | | | |
| 68/ 67 | .1 | .3 | .2 | .2 | .5 | .1 | .1 | | | | | | | | | | | 15 | 15 | 109 | 129 | | | |
| 66/ 65 | .2 | | .2 | | | .1 | | | | | | | | | | | | 5 | 5 | 66 | 104 | | | |
| 64/ 63 | .4 | .1 | | | | .2 | .2 | | | | | | | | | | | 9 | 9 | 61 | 110 | | | |
| 62/ 61 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 49 | 66 | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 31 | 48 | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 14 | 37 | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 25 | 48 | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 5 | 24 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 2 | 26 | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 | 22 | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | 24 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | 20 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | 15 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | 21 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | 12 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | 10 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Ref. Num. | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

722615 LAUGH LIN AFB TX
STATION STATION NAME

70.73-81

YEARS

MAY
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-81

YEARS

MAY
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

20.73-81

YEARS

MAY
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-81

YEAR:

MAY
MONTH

PAGE 2 ~~1800-2000~~
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

May
Month

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70.73-81 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (P) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 104/103 | | | | | | | | | | | | | | | .0 | .0 | .1 | 7 | 7 | | | | | | |
| 102/101 | | | | | | | | | | | | | | | .0 | .0 | .1 | 11 | 11 | | | | | | |
| 100/ 99 | | | | | | | | | | | | .0 | | .1 | .0 | .0 | .0 | 14 | 14 | | | | | | |
| 98/ 97 | | | | | | | | | | | | .0 | .1 | .1 | | .1 | .0 | 21 | 21 | | | | | | |
| 96/ 95 | | | | | | | | | .0 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | 62 | 62 | | | | | | |
| 94/ 93 | | | | | | | | | .0 | .2 | .4 | .3 | .1 | .1 | .2 | .1 | .1 | 96 | 96 | | | | | | |
| 92/ 91 | | | | | | | | .1 | .3 | .5 | .3 | .4 | .3 | .1 | .2 | .2 | | 155 | 155 | | | | | | |
| 90/ 89 | | | | | | .0 | .1 | .6 | .7 | .5 | .4 | .4 | .1 | .2 | .1 | .1 | | 207 | 207 | | | | | | |
| 88/ 87 | | | | | | .1 | .6 | 1.0 | .7 | .6 | .2 | .2 | .2 | .1 | .0 | | | 249 | 249 | | | | | | |
| 86/ 85 | | | | | .0 | .4 | 1.0 | .9 | .7 | .3 | .3 | .2 | .2 | .0 | | | | 269 | 269 | | | | | | |
| 84/ 83 | | | | .1 | .2 | .9 | 1.2 | 1.0 | .6 | .5 | .2 | .3 | .1 | .1 | | | | 340 | 340 | | | | | | |
| 82/ 81 | | | .0 | .3 | .9 | 1.4 | 1.4 | .6 | .6 | .3 | .3 | .3 | .2 | .0 | .0 | | | 411 | 411 | | | | | | |
| 80/ 79 | | | .2 | 1.1 | 1.5 | 1.7 | .8 | .8 | .5 | .3 | .3 | .2 | .1 | | .0 | | | 491 | 491 | 5 | | | | | |
| 78/ 77 | | .1 | .2 | 1.1 | 1.5 | 1.7 | .8 | .8 | .5 | .3 | .3 | .2 | .1 | | .0 | | | 524 | 525 | 52 | 1 | | | | |
| 76/ 75 | | .3 | 2.2 | 2.2 | 1.6 | .8 | .7 | .6 | .3 | .2 | .2 | .0 | | | | | | 599 | 599 | 240 | 19 | | | | |
| 74/ 73 | .0 | 1.2 | 2.6 | 2.4 | .7 | .8 | .7 | .8 | .2 | .2 | .1 | | | | | | | 601 | 601 | 661 | 61 | | | | |
| 72/ 71 | .2 | 1.9 | 3.1 | 1.4 | .7 | .6 | .6 | .3 | .2 | .1 | | | | | | | | 595 | 595 | 910 | 293 | | | | |
| 70/ 69 | .4 | 1.9 | 3.0 | 1.0 | 1.0 | .6 | .3 | .3 | .2 | .0 | | | | | | | | 561 | 561 | 963 | 780 | | | | |
| 68/ 67 | .2 | 2.2 | 3.0 | .7 | .8 | .3 | .4 | .2 | .1 | | | | | | | | | 519 | 519 | 882 | 836 | | | | |
| 66/ 65 | .2 | 1.5 | 1.2 | .7 | .3 | .3 | .2 | .1 | .1 | | | | | | | | | 292 | 292 | 748 | 842 | | | | |
| 64/ 63 | | 1.2 | .5 | .7 | .2 | .3 | .1 | .1 | | | | | | | | | | 202 | 202 | 644 | 740 | | | | |
| 62/ 61 | | .6 | .3 | .9 | .3 | .1 | .2 | .0 | | | | | | | | | | 118 | 118 | 482 | 581 | | | | |
| 60/ 59 | | .4 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | 68 | 68 | 334 | 410 | | | | |
| 58/ 57 | | .2 | .3 | .2 | .2 | .1 | | | | | | | | | | | | 55 | 55 | 209 | 335 | | | | |
| 56/ 55 | | .0 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | | 43 | 43 | 166 | 340 | | | | |
| 54/ 53 | | .0 | .3 | .1 | .0 | | | | | | | | | | | | | 30 | 30 | 105 | 280 | | | | |
| 52/ 51 | | .0 | .1 | | .0 | | | | | | | | | | | | | 8 | 8 | 62 | 169 | | | | |
| 50/ 49 | | .1 | .1 | .0 | | | | | | | | | | | | | | 13 | 13 | 63 | 145 | | | | |
| 48/ 47 | | .0 | | .0 | | | | | | | | | | | | | | 4 | 4 | 22 | 182 | | | | |
| 46/ 45 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | 14 | 158 | | | | |
| 44/ 43 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 3 | 126 | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 87 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | 70 | | | | |
| 36/ 37 | | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| Element (X) | Σ H ¹ | | Σ H | | Σ | | Σ _A | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | Total | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

9477-54321

PSYCHROMETRIC SUMMARY

70-73-81

YEARS

MAY
MON

PAGE 2

ALL
HOURS (L. S. T.)

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-21

YEARS

JUN
MENTM

PAGE 1 0000-0200
HOURS (L- S- T-)

PSYCHROMETRIC SUMMARY

70, 73, 75-A1

JUN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MENTAL

PAGE 1 ~~0600-0800~~
NOV 8 11 5 13

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

JUN
MONTH

0900-1100
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

70-73-81

YEARS

JULY
MON T

PAGE 2 1200-1400
MAY 11 5 21

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX

70-73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|-------------|-------|-------------|-------|-------------|----------|-------------|-----------|--------------------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 110/109 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | | | | |
| 108/107 | | | | | | | | | | | | | | | | | .1 | .3 | 1.0 | 13 | 13 | | | |
| 106/105 | | | | | | | | | | | | | | | .1 | .6 | .5 | .1 | 11 | 11 | | | | |
| 104/103 | | | | | | | | | | | | | | .1 | .2 | .6 | .7 | .3 | 17 | 17 | | | | |
| 102/101 | | | | | | | | | | | .1 | .2 | .2 | .8 | .3 | .6 | | 20 | 20 | | | | | |
| 100/99 | | | | | | | | | | .3 | | .2 | .9 | .8 | .3 | .1 | | 24 | 24 | | | | | |
| 98/97 | | | | | | | | | | .5 | 1.0 | 1.6 | 1.8 | 1.2 | .9 | .1 | | 63 | 63 | | | | | |
| 96/95 | | | | | | | | | .6 | 1.8 | 2.4 | 4.5 | 2.4 | 1.2 | .6 | .1 | | 120 | 120 | | | | | |
| 94/93 | | | | | | | | .2 | .6 | 1.2 | 5.0 | 3.0 | 1.0 | .3 | .1 | | | 102 | 102 | | | | | |
| 92/91 | | | | | | | .2 | 2.7 | 1.9 | 3.7 | 2.9 | 1.5 | .2 | .7 | .1 | | | 124 | 124 | | | | | |
| 90/89 | | | | | | .2 | .8 | 2.1 | 4.2 | 2.1 | 1.5 | .9 | .9 | .5 | .1 | .5 | | 122 | 122 | | | | | |
| 88/87 | | | | | | .6 | .8 | 3.4 | 1.7 | .9 | .9 | .5 | | .2 | .1 | | | 60 | 80 | | | | | |
| 86/85 | | | | | .2 | 1.5 | 2.6 | 1.7 | .7 | .6 | | .1 | | | | | | 65 | 65 | | | | | |
| 84/83 | | | | .1 | .9 | .9 | 1.4 | .9 | .3 | | | .2 | .3 | | | | | 45 | 45 | | 1 | | | |
| 82/81 | | | | .5 | .7 | .3 | .1 | .1 | .3 | | | | | | | | | 18 | 18 | | 5 | | | |
| 80/79 | | | | .5 | .5 | .5 | | .3 | .3 | .2 | | | | | | | | 20 | 20 | | 29 | | | |
| 78/77 | | .1 | .1 | .3 | .1 | .2 | .1 | | .1 | | | | | | | | | 10 | 10 | | 98 | | | |
| 76/75 | | | .7 | .3 | .1 | | .2 | | | | | | | | | | | 12 | 12 | | 171 | | | |
| 74/73 | | .1 | .2 | .1 | .2 | | | | | | | | | | | | | 6 | 6 | | 267 | | | |
| 72/71 | | .3 | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | | 149 | | | |
| 70/69 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | 76 | | | |
| 68/67 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | | 37 | | | |
| 66/65 | | | | | | | | | | | | | | | | | | | | | 30 | | | |
| 64/63 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| 62/61 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| 60/59 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 58/57 | | | | | | | | | | | | | | | | | | | | | | | | |
| 56/55 | | | | | | | | | | | | | | | | | | | | | | | | |
| 54/53 | | | | | | | | | | | | | | | | | | | | | | | | |
| 52/51 | | | | | | | | | | | | | | | | | | | | | | | | |
| 50/49 | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/47 | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/45 | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/43 | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | |
| Rel. Hum. | | | | | | | | | | | $\leq 0 F$ | | $\leq 32 F$ | | $\leq 67 F$ | | $\leq 73 F$ | | $\leq 80 F$ | | $\leq 93 F$ | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70,73-81

YEARS

JUN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME

70,73-81

YEARS

JUN
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-81
YEARS

JUN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-------|-----|------|------|--------|-------|-------|-------|-------|-------|--------|-------|------------------------------------|-------|--------|----------|----------|-----------|--------------------|-------|--------|-----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 100/ 99 | | | | | | | | | | | | | | .3 | | | | | | | 2 | 2 | | |
| 98/ 97 | | | | | | | | | | | | | .1 | .5 | .3 | | | | | | 7 | 7 | | |
| 96/ 95 | | | | | | | | | | .1 | | | .8 | .5 | .4 | | | | | | 14 | 14 | | |
| 94/ 93 | | | | | | | | | | | | 1.2 | .4 | .1 | .1 | | | | | | 14 | 14 | | |
| 92/ 91 | | | | | | | | .1 | .1 | .3 | .7 | .8 | | .3 | | | | | | | 17 | 17 | | |
| 90/ 89 | | | | | | | .1 | .3 | .5 | 1.7 | .7 | .5 | | | | | | | | | 29 | 29 | | |
| 88/ 87 | | | | | | .1 | .7 | 1.6 | 2.2 | 1.7 | .5 | | | | | | | | | | 52 | 52 | | |
| 86/ 85 | | | | | .5 | 1.2 | 2.1 | 2.8 | 3.0 | .7 | .4 | | | | | | | | | | 81 | 81 | | |
| 84/ 83 | | | | .4 | .9 | 2.2 | 2.1 | 4.2 | 1.0 | | | | | | | | | | | | 83 | 83 | | |
| 82/ 81 | | | .1 | .7 | 2.1 | 3.3 | 3.1 | 1.7 | .7 | | | .1 | .1 | | | | | | | | 91 | 91 | | |
| 80/ 79 | | .1 | .5 | .8 | 2.6 | 3.5 | 2.5 | 1.3 | | .3 | .3 | .1 | | | | | | | | | 92 | 92 | 1 | |
| 78/ 77 | | .3 | 1.7 | 2.6 | 3.0 | 2.2 | 1.0 | .1 | | .1 | .1 | | | | | | | | | | 86 | 86 | 22 | |
| 76/ 75 | | .5 | 1.2 | 2.1 | 2.8 | .7 | .9 | .4 | .1 | | | | | | | | | | | | 66 | 66 | 38 | 14 |
| 74/ 73 | .3 | 1.6 | 1.3 | .8 | .8 | .8 | .4 | .1 | .1 | | | | | | | | | | | | 47 | 47 | 131 | 24 |
| 72/ 71 | .1 | .7 | .9 | .8 | .8 | .5 | | .1 | .1 | | | | | | | | | | | | 31 | 31 | 186 | 54 |
| 70/ 69 | .4 | .8 | .7 | 1.0 | .5 | .3 | .1 | .3 | | | | | | | | | | | | | 31 | 31 | 172 | 90 |
| 68/ 67 | .1 | .4 | .8 | .4 | .1 | | | | | | | | | | | | | | | | 14 | 14 | 98 | 103 |
| 66/ 65 | | .3 | | | | | | | | | | | | | | | | | | | 2 | 2 | 53 | 96 |
| 64/ 63 | | | .3 | | | | | | | | | | | | | | | | | | 2 | 2 | 26 | 118 |
| 62/ 61 | | | .1 | | | | | | | | | | | | | | | | | | 1 | 1 | 20 | 95 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | 8 | 72 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | 4 | 42 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | 3 | 20 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .9 | 4.6 | 7.6 | 9.6 | 14.2 | 14.8 | 13.1 | 12.6 | 8.3 | 5.0 | 2.8 | 2.8 | 1.3 | 1.7 | .8 | | | | | | 762 | 762 | 762 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | |
| Rel. Hum. | 2909312 | | 45366 | | 59.5 | | 16.550 | | 762 | | Σ 0 F | | Σ 32 F | | Mean No. of Hours with Temperature | | Σ 67 F | | Σ 73 F | | Σ 80 F | | Σ 93 F | |
| Dry Bulb | 5006153 | | 61561 | | 80.8 | | 6.557 | | 762 | | | | | | 89.4 | | 80.4 | | 51.4 | | 8.4 | | 90 | |
| Wet Bulb | 3747626 | | 53362 | | 70.0 | | 3.758 | | 762 | | | | | | 76.5 | | 22.7 | | | | | | 90 | |
| Dew Point | 3174235 | | 48991 | | 64.3 | | 5.671 | | 762 | | | | | | 33.7 | | 8.5 | | | | | | 90 | |

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION

70, 73-81
YEARS

JUN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|--------|--------|--------|--------|--------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | |
| 112/109 | | | | | | | | | | | | | | | | | .1 | 4 | 4 | | | | | | | | |
| 106/107 | | | | | | | | | | | | | | | | | .2 | 18 | 18 | | | | | | | | |
| 106/105 | | | | | | | | | | | | | | .0 | .1 | .1 | .1 | 26 | 26 | | | | | | | | |
| 104/103 | | | | | | | | | | | | | .0 | .1 | .1 | .1 | .1 | 28 | 28 | | | | | | | | |
| 102/101 | | | | | | | | | | | .0 | .1 | .0 | .2 | .2 | .1 | .0 | 46 | 46 | | | | | | | | |
| 100/ 99 | | | | | | | | | | .1 | .0 | .1 | .2 | .3 | .1 | .1 | | 59 | 59 | | | | | | | | |
| 98/ 97 | | | | | | | | | .0 | .1 | .2 | .4 | .4 | .4 | .2 | .0 | | 119 | 119 | | | | | | | | |
| 96/ 95 | | | | | | | | | .0 | .1 | .4 | .6 | 1.0 | .9 | .4 | .1 | .0 | 234 | 234 | | | | | | | | |
| 94/ 93 | | | | | | | | | .1 | .2 | .6 | 1.7 | 1.1 | .4 | .1 | .0 | | 272 | 272 | | | | | | | | |
| 92/ 91 | | | | | | .0 | .1 | .6 | .7 | 1.5 | 1.4 | .7 | .1 | .2 | .0 | | | 349 | 349 | | | | | | | | |
| 90/ 89 | | | | | | .0 | .3 | 1.1 | 2.2 | 1.6 | .8 | .4 | .2 | .1 | .0 | .1 | | 440 | 440 | | | | | | | | |
| 88/ 87 | | | | | .0 | .5 | .9 | 1.9 | 1.5 | .9 | .5 | .2 | .1 | .1 | .1 | | | 433 | 433 | | | | | | | | |
| 86/ 85 | | | | .0 | .3 | 1.4 | 1.6 | 1.8 | 1.4 | .5 | .2 | .1 | .0 | | .0 | | | 469 | 469 | | | | | | | | |
| 84/ 83 | | | .0 | .2 | 1.0 | 1.8 | 1.5 | 1.8 | .6 | .2 | .1 | .1 | .1 | | | | | 479 | 479 | 2 | | | | | | | |
| 82/ 81 | | | .2 | .8 | 2.0 | 1.6 | 1.6 | .6 | .5 | .1 | .1 | .1 | | | | | | 477 | 477 | 13 | | | | | | | |
| 80/ 79 | | .1 | .8 | 2.0 | 2.3 | 1.8 | .7 | .5 | .1 | .1 | .1 | .0 | | | .1 | | | 554 | 554 | 70 | | | | | | | |
| 78/ 77 | | .3 | 1.6 | 3.0 | 2.1 | 1.1 | .5 | .2 | .0 | .1 | .0 | | | | | | | 588 | 588 | 296 | | | | | | | |
| 76/ 75 | .0 | .7 | 2.6 | 2.3 | 1.8 | .6 | .3 | .1 | .0 | .0 | | | | | | | | 549 | 549 | 718 | | | | | | | |
| 74/ 73 | .1 | 1.5 | 1.9 | 2.2 | .6 | .4 | .1 | .0 | .0 | .0 | | | | | | | | 451 | 451 | 1509 | | | | | | | |
| 72/ 71 | .4 | 1.2 | 1.6 | 1.1 | .6 | .2 | .0 | .1 | .0 | | | | | | | | | 333 | 333 | 1349 | | | | | | | |
| 70/ 69 | .2 | .9 | 1.3 | .7 | .2 | .1 | .0 | | .0 | | | | | | | | | 216 | 216 | 985 | | | | | | | |
| 68/ 67 | .2 | .7 | .8 | .4 | .1 | .0 | .1 | | | | | | | | | | | 149 | 149 | 659 | | | | | | | |
| 66/ 65 | .0 | .2 | .4 | .1 | .1 | .0 | | | | | | | | | | | | 48 | 48 | 376 | | | | | | | |
| 64/ 63 | .0 | .1 | .3 | .1 | .0 | .0 | | | | | | | | | | | | 38 | 38 | 201 | | | | | | | |
| 62/ 61 | .0 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | 23 | 23 | 110 | | | | | | | |
| 60/ 59 | | .1 | .1 | .0 | | | | | | | | | | | | | | 14 | 14 | 62 | | | | | | | |
| 58/ 57 | | .1 | .0 | .1 | | | | | | | | | | | | | | 11 | 11 | 39 | | | | | | | |
| 56/ 55 | | .1 | | .0 | | | | | | | | | | | | | | 5 | 5 | 25 | | | | | | | |
| 54/ 53 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 8 | | | | | | | |
| 52/ 51 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 9 | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-81

YEARS

MONTH

PAGE 2

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | | 16 | |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | 4 | |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | 6 | |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 4 | |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | 5 | |
| TOTAL | 1.1 | 6.0 | 11.8 | 13.1 | 11.2 | 9.7 | 7.8 | 8.9 | 7.5 | 6.2 | 5.8 | 4.2 | 2.5 | 1.9 | 1.1 | .7 | .5 | | 6434 | | 6434 | |
| | | | | | | | | | | | | | | | | | | 6434 | | 6434 | | |
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PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70.75-81

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-81

YEARS

MONTE

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-81

YEARS

| MONTH | NUMBER OF PEOPLE |
|-------|------------------|
| 1 | 10 |
| 2 | 20 |
| 3 | 30 |
| 4 | 40 |
| 5 | 50 |
| 6 | 60 |
| 7 | 70 |
| 8 | 80 |
| 9 | 90 |
| 10 | 95 |
| 11 | 98 |
| 12 | 100 |

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION 70.73-81 YEARS JULI MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-------|-----|------|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |
| 106/105 | | | | | | | | | | | | | | | .1 | .1 | .1 | 3 | 3 | |
| 104/103 | | | | | | | | | | | | .1 | | .1 | .1 | .5 | .1 | 9 | 9 | |
| 102/101 | | | | | | | | | | | | .2 | .2 | .4 | 1.1 | .4 | | 22 | 22 | |
| 100/99 | | | | | | | | | | | .1 | 1.0 | 1.1 | 2.1 | 1.2 | .1 | | 51 | 51 | |
| 98/97 | | | | | | | | | | | .5 | 1.5 | 2.8 | 1.7 | .5 | .1 | | 67 | 67 | |
| 96/95 | | | | | | | | | | 1.1 | 3.1 | 4.5 | 1.9 | .6 | | | | 105 | 105 | |
| 94/93 | | | | | | | | .2 | 1.5 | 2.4 | 4.7 | 2.5 | .2 | .1 | | | | 107 | 107 | |
| 92/91 | | | | | | | .1 | 1.3 | 3.9 | 5.0 | 1.8 | .9 | | | | | | 120 | 120 | |
| 90/89 | | | | | | | 1.4 | 4.9 | 4.4 | 1.6 | .6 | | | | | | | 120 | 120 | |
| 88/87 | | | | | | .5 | 4.5 | 3.4 | 1.3 | .6 | | | | | | | | 96 | 96 | |
| 86/85 | | | | | .2 | 2.5 | 2.5 | 1.9 | .2 | | | | | | | | | 68 | 68 | |
| 84/83 | | | | | 2.1 | 2.1 | .9 | .1 | | | | | | | | | | 47 | 47 | |
| 82/81 | | | | 1.2 | 2.5 | .9 | .2 | | | | | | | | | | | 44 | 44 | 1 |
| 80/79 | | | .3 | .5 | .2 | .4 | .1 | | | | | | | | | | | 15 | 15 | 9 |
| 78/77 | | .1 | .1 | .8 | .1 | .1 | | | | | | | | | | | | 11 | 11 | 113 |
| 76/75 | | .9 | .3 | .2 | | | | | | | | | | | | | | 13 | 13 | 312 |
| 74/73 | .2 | .3 | .8 | .1 | | | | | | | | | | | | | | 13 | 13 | 321 |
| 72/71 | | .1 | .3 | .1 | | | | | | | | | | | | | | 5 | 5 | 129 |
| 70/69 | .1 | .2 | .2 | | | | | | | | | | | | | | | 5 | 5 | 29 |
| 68/67 | | | | | | | | | | | | | | | | | | | | 4 |
| 66/65 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 5 |
| 64/63 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 |
| 62/61 | | | | | | | | | | | | | | | | | | | | 62 |
| 60/59 | | | | | | | | | | | | | | | | | | | | 53 |
| 58/57 | | | | | | | | | | | | | | | | | | | | 28 |
| 56/55 | | | | | | | | | | | | | | | | | | | | 12 |
| 54/53 | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | .6 | 1.6 | 2.1 | 2.9 | 5.1 | 6.5 | 9.7 | 11.8 | 11.4 | 10.7 | 10.9 | 10.7 | 6.3 | 5.1 | 3.0 | 1.3 | .2 | 924 | 924 | 924 |
| | | | | | | | | | | | | | | | | | | 924 | 924 | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x ² | | Σ x | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total |
| Rel. Hum. | 2361765 | | 44425 | | 48.1 | | 5.643 | | 924 | | ≤ 0 F | | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | | | |
| Dry Bulb | 7577917 | | 83455 | | 90.3 | | 6.610 | | 924 | | | | | 92.7 | 91.7 | 87.2 | 36.6 | | 93 | |
| Wet Bulb | 5096118 | | 68592 | | 74.2 | | 2.152 | | 924 | | | | | 92.4 | 76.1 | .5 | | | 93 | |
| Dew Point | 4129373 | | 61639 | | 66.7 | | 4.355 | | 924 | | | | | 52.9 | 5.6 | | | | 93 | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

72-73-81

YEARS

MONT

PAGE 1 1500-1700
HOURS (L. S. T.)

MOUSE (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|-----|-----|-------|-----|-------|-------|--------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|------|-----------|----------|----------|-----------|--------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 100/105 | | | | | | | | | | | | | | | .2 | .8 | 1.2 | 20 | 20 | | | | | |
| 100/103 | | | | | | | | | | | | | | | .1 | .7 | 1.4 | 29 | 29 | | | | | |
| 102/101 | | | | | | | | | | | | | .2 | .9 | 3.9 | 1.8 | .8 | 69 | 69 | | | | | |
| 100/99 | | | | | | | | | | | | .1 | 2.2 | 6.9 | 3.2 | .5 | .2 | 120 | 120 | | | | | |
| 98/97 | | | | | | | | | | | .4 | 1.6 | 4.9 | 1.9 | 1.0 | .1 | | 91 | 91 | | | | | |
| 96/95 | | | | | | | | | | 1.6 | 4.4 | 4.7 | 4.2 | 1.4 | .1 | | | 150 | 150 | | | | | |
| 94/93 | | | | | | | | .1 | 1.0 | 2.4 | 4.2 | 1.6 | .7 | | | | | 91 | 91 | | | | | |
| 92/91 | | | | | | | | .4 | 2.3 | 3.9 | 1.9 | .4 | .1 | | | | | 83 | 83 | | | | | |
| 90/89 | | | | | | | .2 | 3.3 | 3.5 | 1.8 | .3 | .1 | | | | | | 84 | 84 | | | | | |
| 88/87 | | | | | .1 | .4 | 1.1 | 2.4 | 1.0 | .1 | | | | | | | | 47 | 47 | | | | | |
| 86/85 | | | | | | 1.6 | 2.0 | .5 | .1 | | | | | | | | | 39 | 39 | | | | | |
| 84/83 | | | | .1 | .7 | .5 | .1 | .2 | | | | | | | | | | 15 | 15 | | | | | |
| 82/81 | | | | .4 | .4 | .4 | .4 | | | | | | | | | | | 16 | 16 | | | | | |
| 80/79 | | | .1 | .9 | .5 | | | | | | | | | | | | | 14 | 14 | 3 | | | | |
| 78/77 | | | .5 | .3 | .2 | | | | | | | | | | | | | 10 | 10 | 62 | | | | |
| 76/75 | | .8 | .5 | .2 | | | | | | | | | | | | | | 14 | 14 | 290 | 5 | | | |
| 74/73 | | .2 | .7 | .1 | | | | | | | | | | | | | | 9 | 9 | 362 | 28 | | | |
| 72/71 | | .4 | .1 | .1 | | | | | | | | | | | | | | 6 | 6 | 139 | 46 | | | |
| 70/69 | .1 | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 48 | 121 | | | |
| 68/67 | | | | | | | | | | | | | | | | | | | | 6 | 137 | | | |
| 66/65 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | | 123 | | | |
| 64/63 | | | | | | | | | | | | | | | | | | | | | 122 | | | |
| 62/61 | | | | | | | | | | | | | | | | | | | | | 117 | | | |
| 60/59 | | | | | | | | | | | | | | | | | | | | | 86 | | | |
| 58/57 | | | | | | | | | | | | | | | | | | | | | 68 | | | |
| 56/55 | | | | | | | | | | | | | | | | | | | | | 35 | | | |
| 54/53 | | | | | | | | | | | | | | | | | | | | | 12 | | | |
| 52/51 | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| 50/49 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 48/47 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | .3 | 1.5 | 2.1 | 2.2 | 2.0 | 3.1 | 3.8 | 7.0 | 7.9 | 9.9 | 11.2 | 8.7 | 12.3 | 11.2 | 9.1 | 4.6 | 3.2 | 912 | 912 | 912 | 912 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx² | | | Σx | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | 1747531 | | | 37091 | | 40.78 | | 16.199 | | 912 | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total |
| Dry Bulb | 8015055 | | | 85253 | | 93.5 | | 7.081 | | 912 | | | | | | 92.8 | | 91.9 | | 87.7 | | 58.1 | | 93 |
| Wet Bulb | 4975002 | | | 67334 | | 73.8 | | 2.003 | | 912 | | | | | | 92.8 | | 73.1 | | | | | | 93 |
| Dew Point | 3787417 | | | 58593 | | 64.2 | | 5.026 | | 912 | | | | | | 34.4 | | 3.4 | | | | | | 93 |

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 1800-2000
HOURS L. S. T. 1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-------|-----|------|-------|--------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|------|-----------|----------|----------|-----------|--------|--|-------|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 106/105 | | | | | | | | | | | | | | | | .1 | .3 | 4 | 4 | | | | | | | | | | | | | |
| 104/103 | | | | | | | | | | | | | | | | .8 | .7 | 14 | 14 | | | | | | | | | | | | | |
| 102/101 | | | | | | | | | | | | | | .1 | 1.6 | 1.3 | .6 | 31 | 31 | | | | | | | | | | | | | |
| 100/99 | | | | | | | | | | | | | .3 | 2.2 | 3.4 | .6 | .1 | 57 | 57 | | | | | | | | | | | | | |
| 98/97 | | | | | | | | | | | .1 | 2.2 | 3.6 | 2.1 | .7 | | | 75 | 75 | | | | | | | | | | | | | |
| 96/95 | | | | | | | | | | 1.2 | 3.3 | 5.1 | 2.0 | .3 | | | | 102 | 102 | | | | | | | | | | | | | |
| 94/93 | | | | | .1 | | | | .2 | .8 | 3.6 | 4.3 | 2.0 | .5 | .1 | | | 100 | 100 | | | | | | | | | | | | | |
| 92/91 | | | | | | | | | .8 | 3.1 | 3.0 | 1.9 | .7 | .1 | | | | 83 | 83 | | | | | | | | | | | | | |
| 90/89 | | | | | | | | 1.4 | 2.9 | 3.8 | 2.1 | .1 | .2 | | | | | 91 | 91 | | | | | | | | | | | | | |
| 88/87 | | | | | | | 1.5 | 2.4 | 2.1 | .9 | .1 | .3 | .1 | | | | | 65 | 65 | | | | | | | | | | | | | |
| 86/85 | | | | | .3 | 1.6 | 1.6 | 2.7 | 1.0 | .2 | | | | | | | | 65 | 65 | 1 | | | | | | | | | | | | |
| 84/83 | | | | .1 | .2 | 1.9 | 1.7 | .9 | | | | .1 | | | | | | 43 | 43 | | | | | | | | | | | | | |
| 82/81 | | | | .5 | 1.6 | 1.2 | .6 | | | | | | | | | | | 33 | 33 | | 1 | | | | | | | | | | | |
| 80/79 | | | .1 | 1.2 | .9 | .6 | .2 | | | | | | | | | | | 26 | 26 | | | | | | | | | | | | | |
| 78/77 | | .2 | .6 | .8 | .7 | .1 | | | | | | | | | | | | 21 | 21 | 10 | | | | | | | | | | | | |
| 76/75 | | 1.0 | .8 | .2 | .1 | | | | | | | | | | | | | 19 | 19 | 110 | 5 | | | | | | | | | | | |
| 74/73 | | .9 | .8 | .5 | | | | | | | | | | | | | | 19 | 19 | 320 | 21 | | | | | | | | | | | |
| 72/71 | .1 | .3 | | .3 | | | | | | | | | | | | | | 7 | 7 | 273 | 47 | | | | | | | | | | | |
| 70/69 | .1 | .3 | | | | | | | | | | | | | | | | 4 | 4 | 115 | 80 | | | | | | | | | | | |
| 68/67 | | | | | | | | | | | | | | | | | | | | 24 | 117 | | | | | | | | | | | |
| 66/65 | | | | | | | | | | | | | | | | | | | | 5 | 94 | | | | | | | | | | | |
| 64/63 | | | | | | | | | | | | | | | | | | | | | 114 | | | | | | | | | | | |
| 62/61 | | | | | | | | | | | | | | | | | | | | 1 | 106 | | | | | | | | | | | |
| 60/59 | | | | | | | | | | | | | | | | | | | | | 102 | | | | | | | | | | | |
| 58/57 | | | | | | | | | | | | | | | | | | | | | 77 | | | | | | | | | | | |
| 56/55 | | | | | | | | | | | | | | | | | | | | | 52 | | | | | | | | | | | |
| 54/53 | | | | | | | | | | | | | | | | | | | | | 21 | | | | | | | | | | | |
| 52/51 | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | |
| 50/49 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | |
| 48/47 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | |
| TOTAL | .2 | 2.9 | 2.3 | 3.6 | 4.1 | 5.4 | 5.7 | 7.5 | 7.1 | 9.0 | 10.0 | 10.1 | 10.7 | 8.6 | 7.6 | 3.5 | 1.7 | 859 | 859 | 859 | 859 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ R ² | | | Σ R | | Σ | | Σ R | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 1927498 | | | 37582 | | 43.8 | | 18.170 | | 859 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | |
| Dry Bulb | 7062991 | | | 77635 | | 90.4 | | 7.359 | | 859 | | | | | | 93.0 | | 91.8 | | 83.9 | | 41.5 | | 93 | | | | | | | | |
| Wet Bulb | 4507668 | | | 62200 | | 72.4 | | 2.099 | | 859 | | | | | | 92.4 | | 47.7 | | .1 | | | | 93 | | | | | | | | |
| Dew Point | 3463803 | | | 54347 | | 63.3 | | 5.440 | | 859 | | | | | | 29.3 | | 2.9 | | .1 | | | | 93 | | | | | | | | |

A11-A116 094 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
 LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(1)
 APR 82

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(1)
APR 82

UNCLASSIFIED USAFETAC/DS-82/026 SBI-AD-E850 173

SB1-AD-E850 173

NL

END
DATE
8 82
0116

ONE

PSYCHROMETRIC SUMMARY

ALL
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-75-81

PAGE 1 ~~0100-0500~~

[illegible]

PSYCHROMETRIC SUMMARY

WEAK

~~ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED~~

PAGE 1 ~~0600-0000~~
(L. S. T.)

[illegible]

UNCLASSIFIED **NRMA** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
JUN 71

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-23-81

YEARS

AUG

PAGE 1 0900-1100
MAY 1964 (1-2-1)

[illegible]

PSYCHROMETRIC SUMMARY

722615
STATION

LAUGH LIN FEB IX

70-73-81

YEARS

ALL

PAGE 1 ~~1200-1400~~
1963 (1-1-63)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION LAUGHLIN AFB TX STATION NAME 70.73-81 YEARS AUG MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|----------------|------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-----------|----------|----------|----------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 104/103 | | | | | | | | | | | | | | | .2 | | | 2 | 2 | | | | | |
| 102/101 | | | | | | | | | | | | | | | .8 | .2 | | 11 | 11 | | | | | |
| 100/ 99 | | | | | | | | | | | | | .6 | 1.5 | .9 | .3 | | 29 | 29 | | | | | |
| 98/ 97 | | | | | | | | | | | | .6 | 2.7 | 2.9 | .7 | .2 | | 61 | 61 | | | | | |
| 96/ 95 | | | | | | | | | | .2 | .2 | 4.3 | 5.1 | 1.4 | .3 | | | 100 | 100 | | | | | |
| 94/ 93 | | | | | | | | | .5 | .5 | 4.5 | 5.8 | 2.7 | .6 | | | | 125 | 125 | | | | | |
| 92/ 91 | | | | | | | | .2 | .7 | 3.1 | 6.1 | 3.0 | .7 | .1 | | | | 120 | 120 | | | | | |
| 90/ 89 | | | | | | | .1 | .8 | 2.1 | 5.2 | 4.2 | 1.4 | .2 | | | | | 121 | 121 | | | | | |
| 88/ 87 | | | | | | .1 | 1.4 | 2.7 | 3.1 | 2.4 | 1.4 | | | | | | | 96 | 96 | | | | | |
| 86/ 85 | | | | | .1 | .7 | 1.2 | 1.9 | 1.3 | 1.3 | .1 | | | | | | | 56 | 56 | | | | | |
| 84/ 83 | | | | | .6 | .7 | 1.7 | .5 | .2 | .3 | | | | | | | | 35 | 35 | | | | | |
| 82/ 81 | | | | .3 | .8 | 2.0 | .9 | .1 | | | | | | | | | | 36 | 36 | | | | | |
| 80/ 79 | | | .1 | .8 | 1.0 | 1.2 | .2 | .1 | | | | | | | | | | 30 | 30 | | | | | |
| 78/ 77 | | | .7 | .8 | .5 | .3 | | | | | | | | | | | | 20 | 20 | 16 | | | | |
| 76/ 75 | | | .5 | .7 | .2 | | | | | | | | | | | | | 12 | 12 | 85 | 1 | | | |
| 74/ 73 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 291 | 8 | | | |
| 72/ 71 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 304 | 38 | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 115 | 60 | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 44 | 84 | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 4 | 123 | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 137 | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 181 | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 112 | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 65 | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 28 | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 13 | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | .2 | .1 | 1.3 | 2.8 | 3.4 | 5.0 | 5.6 | 6.3 | 7.9 | 11.2 | 16.5 | 15.1 | 12.0 | 6.8 | 3.0 | .8 | | 859 | 859 | | 859 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | S ₁ | | | | S ₂ | | | | S ₃ | | | | S ₄ | | | | S ₅ | | | | S ₆ | | | |
| Rel. Hum. | 1698573 | | | | 14351 | | | | 82.33 | | | | 1.668 | | | | 889 | | | | 88 F | | | |
| Dry Bulb | 7018868 | | | | 77888 | | | | 90.2 | | | | 5.756 | | | | 889 | | | | 83.0 | | | |
| Wet Bulb | 5878287 | | | | 61897 | | | | 72.2 | | | | 2.079 | | | | 889 | | | | 82.8 | | | |
| Dew Point | 3837120 | | | | 58286 | | | | 63.1 | | | | 8.388 | | | | 889 | | | | 78.7 | | | |

FORM 0-26-3 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX 70-73-81 YEARS AUG MONTH

PAGE 1 ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|------------------------------------|-------------------------------------|--------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point |
| 108/107 | | | | | | | | | | | | | | | | | .0 | 1 | 1 | |
| 106/105 | | | | | | | | | | | | | | | | | .0 | 2 | 2 | |
| 104/103 | | | | | | | | | | | | | | | .0 | .1 | .1 | 17 | 17 | |
| 102/101 | | | | | | | | | | | | | | | .1 | .4 | .1 | 66 | 66 | |
| 100/99 | | | | | | | | | | | | | .2 | .5 | .8 | .4 | .1 | 137 | 137 | |
| 98/97 | | | | | | | | | | .0 | .3 | .7 | 1.6 | .9 | .2 | .0 | .0 | 261 | 261 | |
| 96/95 | | | | | | | | | .0 | .3 | .9 | 2.5 | 1.6 | .4 | .0 | | | 391 | 391 | |
| 94/93 | | | | | | | | .1 | .5 | 1.3 | 2.5 | 1.9 | .7 | .2 | | | | 473 | 473 | |
| 92/91 | | | | | | | .1 | .4 | .9 | 2.5 | 2.2 | .9 | .2 | .0 | | | | 475 | 475 | |
| 90/89 | | | | | | .0 | .2 | 1.1 | 2.1 | 1.8 | 1.2 | .3 | .0 | | | | | 455 | 455 | |
| 88/87 | | | | | | .2 | 1.0 | 2.4 | 1.9 | 1.2 | .4 | | | | | | | 482 | 482 | |
| 86/85 | | | | | .1 | 1.2 | 2.1 | 2.2 | 1.0 | .8 | .1 | | | | | | | 476 | 476 | |
| 84/83 | | | | .0 | .7 | 2.3 | 2.6 | 1.3 | .4 | .2 | | | | | | | | 500 | 500 | |
| 82/81 | | | .0 | .5 | 2.5 | 3.3 | 1.7 | .4 | .1 | .0 | | | | | | | | 569 | 569 | |
| 80/79 | | .0 | .3 | 1.7 | 4.1 | 2.3 | .6 | .2 | .0 | | | | | | | | | 619 | 619 | 24 |
| 78/77 | | .2 | 1.0 | 3.5 | 3.2 | .9 | .2 | .0 | | | | | | | | | | 609 | 609 | 213 |
| 76/75 | .1 | .4 | 2.7 | 3.4 | 1.6 | .4 | .0 | | | | | | | | | | | 572 | 573 | 861 |
| 74/73 | .0 | .5 | 2.1 | 1.9 | .2 | .1 | .0 | | | | | | | | | | | 320 | 320 | 2018 |
| 72/71 | .1 | .4 | 1.2 | .8 | .1 | .1 | | | | | | | | | | | | 179 | 179 | 1909 |
| 70/69 | .0 | .2 | .6 | .1 | .0 | .0 | | | | | | | | | | | | 65 | 65 | 1062 |
| 68/67 | | .1 | .1 | .0 | | | | | | | | | | | | | | 12 | 12 | 460 |
| 66/65 | | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 105 |
| 64/63 | | | | | | | | | | | | | | | | | | | | 25 |
| 62/61 | | | | | | | | | | | | | | | | | | | | 6 |
| 60/59 | | | | | | | | | | | | | | | | | | | | 1 |
| 58/57 | | | | | | | | | | | | | | | | | | | | 350 |
| 56/55 | | | | | | | | | | | | | | | | | | | | 183 |
| 54/53 | | | | | | | | | | | | | | | | | | | | 102 |
| 52/51 | | | | | | | | | | | | | | | | | | | | 30 |
| 50/49 | | | | | | | | | | | | | | | | | | | | 10 |
| 48/47 | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | .2 | 1.7 | 8.0 | 1.9 | 2.5 | 10.8 | 8.4 | 8.1 | 7.0 | 7.7 | 7.5 | 6.4 | 4.8 | 2.8 | 1.2 | .9 | .1 | 6685 | 6685 | 6689 |
| Station (2) | 31 | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 2319AA14 | 175820 | 56.2 | 7.574 | AAAA | | | | | | | | | | | | | | | |
| Dry Bulb | 00150073 | 000161 | 80.7 | 7.822 | AAAA | | | | | | | | | | | | | 743.7 | 718.2 | 515.1 |
| Wet Bulb | 30700257 | 001911 | 72.1 | 2.891 | AAAA | | | | | | | | | | | | | 728.8 | 386.8 | .8 |
| Dew Point | 20161107 | 000650 | 68.0 | 8.042 | AAAA | | | | | | | | | | | | | 372.1 | 21.0 | |
| Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | |
| 60 F | | | | | | | | | | | | | | | | | | | | |
| 65 F | | | | | | | | | | | | | | | | | | | | |
| 70 F | | | | | | | | | | | | | | | | | | | | |
| 75 F | | | | | | | | | | | | | | | | | | | | |
| 80 F | | | | | | | | | | | | | | | | | | | | |
| 85 F | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

722615 LAUGH IN AFB TX
STATION STATION NAME

69-70, 73-80

YEARS

SEP
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

69-70,75-AD

YEARS

SEP
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGH LIN AFB TX
STATION STATION NAME

69-70,73-80

YEARS

SEP
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

PAGE 1 1200-1800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|----------------|-----|----------------|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|-------|--------------------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 100/ 99 | | | | | | | | | | | | .1 | .3 | .1 | .1 | | .1 | 7 | 7 | | | | | | |
| 98/ 97 | | | | | | | | | | | .2 | .6 | .7 | .6 | .3 | | .1 | 22 | 22 | | | | | | |
| 96/ 95 | | | | | | | | | | .6 | .6 | 1.0 | .6 | .4 | | .1 | | 29 | 29 | | | | | | |
| 94/ 93 | | | | | | | | | .9 | 1.1 | 2.5 | 1.5 | .3 | | .1 | .1 | | 58 | 59 | | | | | | |
| 92/ 91 | | | | | | | | .4 | 2.6 | 3.4 | 1.6 | .3 | .2 | .3 | | | | 79 | 79 | | | | | | |
| 90/ 89 | | | | | | | .3 | 2.2 | 3.8 | 3.1 | .7 | 1.0 | .3 | .1 | | | | 104 | 104 | | | | | | |
| 88/ 87 | | | | | | .3 | 2.7 | 5.4 | 3.6 | 1.2 | 1.7 | .2 | .1 | .1 | | | | 137 | 137 | | | | | | |
| 86/ 85 | | | | | .2 | 2.6 | 5.2 | 2.0 | 1.2 | 1.3 | .3 | .3 | .1 | .1 | | | | 120 | 120 | | | | | | |
| 84/ 83 | | | | .1 | .8 | 2.9 | 2.4 | 1.6 | .8 | .6 | .3 | .6 | .1 | .1 | | | | 91 | 91 | | | | | | |
| 82/ 81 | | | | .6 | 1.6 | 3.0 | 1.2 | .7 | .4 | .6 | .2 | | .1 | | | | | 75 | 75 | | | | | | |
| 80/ 79 | | | .1 | .1 | .8 | 1.0 | .4 | .6 | .3 | .4 | .4 | .2 | | | | | | 40 | 40 | 2 | | | | | |
| 78/ 77 | | .2 | .1 | .6 | .3 | .2 | .2 | .3 | .4 | | | | | | | | | 26 | 26 | 40 | | | | | |
| 76/ 75 | | .2 | .7 | .1 | .4 | .2 | .7 | .4 | .2 | .3 | .1 | | | | | | | 31 | 31 | 163 | 2 | | | | |
| 74/ 73 | | .2 | .4 | .2 | .1 | .8 | .3 | .1 | .3 | | | | | | | | | 23 | 23 | 267 | 26 | | | | |
| 72/ 71 | | | .6 | | .2 | .2 | .6 | .2 | | | | | | | | | | 16 | 16 | 132 | 57 | | | | |
| 70/ 69 | | | .1 | .2 | | .2 | .3 | | | | | | | | | | | 8 | 8 | 78 | 145 | | | | |
| 68/ 67 | | | | .1 | .2 | .2 | | | | | | | | | | | | 5 | 5 | 58 | 165 | | | | |
| 66/ 65 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 35 | 124 | | | | |
| 64/ 63 | | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | 43 | 83 | | | | |
| 62/ 61 | | .3 | .2 | | .2 | | | | | | | | | | | | | 7 | 7 | 25 | 46 | | | | |
| 60/ 59 | | .3 | | .1 | | | | | | | | | | | | | | 4 | 4 | 23 | 54 | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 20 | 53 | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 38 | | | | |
| 54/ 53 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | 18 | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 21 | | | | |
| 50/ 49 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 20 | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 13 | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| TOTAL | | 2.0 | 2.8 | 2.1 | 4.9 | 1.8 | 1.3 | 1.0 | 1.7 | 12.7 | 9.1 | 5.8 | 2.9 | 1.9 | .6 | .2 | .2 | 893 | 894 | | 893 | | | | |
| Element (X) | Σ ₁ | | Σ ₂ | | Σ ₃ | | Σ ₄ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | Total | |
| Rel. Hum. | 2827398 | | 44810 | | 50.2 | | 4.161 | | 893 | | ≤ 67 F | | ≤ 72 F | | ≤ 77 F | | ≤ 80 F | | ≤ 93 F | | Total | | | | |
| Dry Bulb | 6593377 | | 76203 | | 85.2 | | 7.329 | | 894 | | | | | | 87.8 | | 89.9 | | 74.8 | | 90 | | | | |
| Wet Bulb | 6523873 | | 63803 | | 71.0 | | 8.996 | | 893 | | | | | | 78.6 | | 87.6 | | | | 90 | | | | |
| Dew Point | 3655663 | | 56783 | | 63.6 | | 7.088 | | 893 | | | | | | 38.8 | | 2.8 | | | | 90 | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX STATION NAME

69-70, 73-80 YEARS

SEP MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | |
| 104/103 | | | | | | | | | | | | | | .1 | .1 | .1 | .1 | 4 | 4 | | | | | | | | |
| 102/101 | | | | | | | | | | | | | | .1 | .3 | .1 | .2 | 7 | 7 | | | | | | | | |
| 100/ 99 | | | | | | | | | | | | | | 1.1 | .7 | .8 | .2 | 25 | 25 | | | | | | | | |
| 98/ 97 | | | | | | | | | .1 | .1 | .2 | .3 | .7 | 1.4 | .9 | .2 | .2 | 37 | 37 | | | | | | | | |
| 96/ 95 | | | | | | | | | | .6 | 1.9 | 2.2 | 1.4 | 1.5 | | | .1 | 67 | 67 | | | | | | | | |
| 94/ 93 | | | | | | | | | .1 | .2 | 1.4 | 3.2 | 2.3 | .8 | .5 | .2 | | 76 | 76 | | | | | | | | |
| 92/ 91 | | | | | | | | .5 | 1.4 | 3.4 | 4.4 | 1.6 | 1.1 | 1.3 | .1 | | | 121 | 121 | | | | | | | | |
| 90/ 89 | | | | | | | .3 | 1.8 | 3.8 | 5.0 | 2.3 | .8 | .8 | .5 | .1 | | | 132 | 132 | | | | | | | | |
| 88/ 87 | | | | | | .2 | 1.3 | 4.1 | 3.0 | 1.3 | 1.1 | .8 | .2 | .3 | .2 | | | 110 | 110 | | | | | | | | |
| 86/ 85 | | | | | .2 | .3 | 1.5 | 2.5 | .3 | .7 | .6 | .2 | .7 | .1 | .1 | | | 64 | 64 | | | | | | | | |
| 84/ 83 | | | | .2 | .6 | .9 | 1.5 | 1.0 | .8 | .5 | .6 | .2 | | .1 | | | | 56 | 56 | | | | | | | | |
| 82/ 81 | | | | .2 | .6 | .9 | .7 | .2 | .5 | .1 | | .3 | | | | | | 31 | 31 | | 1 | | | | | | |
| 80/ 79 | | | .1 | .3 | .6 | .2 | .3 | .2 | 1.0 | .3 | .2 | .7 | | | | | | 36 | 36 | | 4 | | | | | | |
| 78/ 77 | | .1 | .2 | .7 | .3 | .1 | .3 | .5 | .1 | .2 | .1 | | | | | | | 24 | 24 | | 35 | | | | | | |
| 76/ 75 | | .3 | .5 | .7 | .6 | .3 | | .5 | .2 | .1 | | | | | | | | 28 | 28 | 106 | 5 | | | | | | |
| 74/ 73 | | | .3 | 1.3 | .1 | .5 | .2 | .3 | | | | | | | | | | 24 | 24 | 237 | 16 | | | | | | |
| 72/ 71 | | | .2 | .2 | .2 | .2 | .5 | | | | | | | | | | | 12 | 12 | 179 | 33 | | | | | | |
| 70/ 69 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 99 | 70 | | | | | | |
| 68/ 67 | | | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 66 | 115 | | | | | | |
| 66/ 65 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 68 | 135 | | | | | | |
| 64/ 63 | | .2 | .3 | | .2 | | | | | | | | | | | | | 7 | 7 | 42 | 119 | | | | | | |
| 62/ 61 | | .3 | | .1 | | | | | | | | | | | | | | 4 | 4 | 25 | 69 | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 21 | 73 | | | | | | |
| 58/ 57 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 53 | | | | | | |
| 56/ 55 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 48 | | | | | | |
| 54/ 53 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | | 45 | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 30 | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | 18 | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| Element (H) | | | | | | | | | | | | | | | | | | | | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 30 F | ≤ 60 F | ≤ 70 F | ≤ 80 F | ≤ 90 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-24-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

62-10,73-80

SEP
1951

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

INSURETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NEAFAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

722615 LAUGH LIN AER TX
STATION STATION NAME

69-70,73-80

YEARS

SEE

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

69-70, 73-80

OCI
MONTH

PAGE 2 ~~0000-0200~~
MAY 11 1964

[illegible]

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73, 75-80 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 82/ 81 | | | | | | | .2 | | | | | | | | | | | 1 | 1 | | | | | |
| 80/ 79 | | | | | | .6 | | | | | | | | | | | | 4 | 4 | | | | | |
| 78/ 77 | | | | .2 | .3 | | | | | | | | | | | | | 3 | 3 | | | | | |
| 76/ 75 | | | .5 | .6 | .6 | | | | .2 | | | .2 | | | | | | 13 | 13 | | | | | |
| 74/ 73 | | .2 | 2.0 | .8 | .5 | | | | .2 | .2 | | | | | | | | 24 | 24 | 2 | | | | |
| 72/ 71 | | .8 | 2.3 | 1.2 | .8 | .2 | | | | | .2 | | | | | | | 35 | 35 | 4 | 2 | | | |
| 70/ 69 | .2 | 1.7 | 3.6 | .8 | 1.1 | .2 | .3 | | | | .2 | | | | | | | 52 | 52 | 34 | 11 | | | |
| 68/ 67 | .3 | 2.6 | 3.8 | 2.0 | 1.4 | 1.4 | .3 | .5 | | | | | | | | | | 80 | 80 | 48 | 36 | | | |
| 66/ 65 | | 1.5 | 2.3 | 2.7 | 2.0 | 1.1 | | .2 | | | | | | | | | | 64 | 64 | 46 | 45 | | | |
| 64/ 63 | .5 | 1.7 | 2.0 | 2.0 | 1.5 | .3 | .3 | .5 | | | | | | | | | | 57 | 57 | 52 | 46 | | | |
| 62/ 61 | .5 | 3.8 | 1.5 | 1.1 | .6 | .3 | .3 | .3 | | | | | | | | | | 55 | 55 | 51 | 37 | | | |
| 60/ 59 | .3 | 2.6 | 1.7 | 1.5 | .5 | .5 | .5 | .2 | | | | | | | | | | 50 | 50 | 68 | 44 | | | |
| 58/ 57 | .3 | 1.7 | 1.8 | 2.1 | | .6 | .2 | .2 | | | | | | | | | | 45 | 45 | 68 | 58 | | | |
| 56/ 55 | | 1.2 | 1.8 | 1.5 | 1.1 | 1.4 | .2 | | | | | | | | | | | 47 | 47 | 43 | 54 | | | |
| 54/ 53 | .5 | 1.8 | .8 | .8 | .6 | .2 | .2 | | | | | | | | | | | 31 | 31 | 47 | 36 | | | |
| 52/ 51 | | .6 | .6 | .3 | .3 | .6 | | | | | | | | | | | | 16 | 16 | 44 | 34 | | | |
| 50/ 49 | | .8 | 1.2 | .3 | 1.7 | .3 | | | | | | | | | | | | 28 | 28 | 25 | 54 | | | |
| 48/ 47 | | 1.2 | 1.1 | .3 | .2 | | | | | | | | | | | | | 18 | 18 | 32 | 36 | | | |
| 46/ 45 | | 1.1 | .3 | .2 | .3 | .2 | | | | | | | | | | | | 13 | 13 | 28 | 22 | | | |
| 44/ 43 | | .3 | .5 | | .2 | | | | | | | | | | | | | 6 | 6 | 17 | 18 | | | |
| 42/ 41 | | | | .3 | | | | | | | | | | | | | | 2 | 2 | 23 | 23 | | | |
| 40/ 39 | | .3 | .2 | | .6 | | | | | | | | | | | | | 7 | 7 | 7 | 15 | | | |
| 38/ 37 | | .6 | | .2 | .2 | | | | | | | | | | | | | 6 | 6 | 5 | 20 | | | |
| 36/ 35 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 18 | | | |
| 34/ 33 | | | .2 | | | | | | | | | | | | | | | 1 | 1 | 2 | 11 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 6 | 14 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 8 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | 2.4 | 24.5 | 27.9 | 18.6 | 14.1 | 7.6 | 2.3 | 1.7 | .3 | .2 | .3 | .2 | | | | | | 660 | 660 | 660 | 660 | | | |
| Element (X) | Σ H ¹ | | Σ H | | Σ | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | |
| Rel. Hum. | 3787501 | | 48901 | | 78.1 | 660 | | ≤ 6 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | |
| Dry Bulb | 2537032 | | 40530 | | 61.8 | 660 | | | | 29.9 | 6.3 | .6 | | 93 | | | | | | | | | | |
| Wet Bulb | 2164467 | | 37353 | | 56.6 | 660 | | | | 1.0 | 12.9 | .3 | | 93 | | | | | | | | | | |
| Dew Point | 1901279 | | 38663 | | 52.5 | 660 | | | | 5.6 | 6.9 | | | 93 | | | | | | | | | | |

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX

69-70, 73-80

OCT
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------------------|-------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | | = 31 | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | | |
| 78/ 77 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | .5 | .2 | .5 | .1 | | | | | | | | | | | | 11 | 11 | | |
| 74/ 73 | | 1.6 | 1.6 | .3 | .8 | | | | | .1 | | | | | | | | 39 | 39 | 1 | |
| 72/ 71 | .3 | 3.2 | 1.9 | .7 | .5 | | .1 | | | .2 | | | | | | | | 61 | 61 | 31 | 11 |
| 70/ 69 | | 4.9 | 2.1 | 1.3 | .5 | .3 | .2 | | | | | | | | | | | 81 | 81 | 54 | 44 |
| 68/ 67 | .7 | 2.6 | 3.0 | 1.1 | .6 | .3 | .1 | | .1 | | | | | | | | | 75 | 75 | 73 | 63 |
| 66/ 65 | .1 | 3.1 | 4.6 | 1.9 | .7 | .3 | | .1 | | | | | | | | | | 95 | 95 | 55 | 52 |
| 64/ 63 | .2 | 1.5 | 3.4 | 2.4 | .8 | .1 | .2 | .1 | | | | | | | | | | 77 | 77 | 68 | 48 |
| 62/ 61 | .2 | 3.2 | 2.1 | .9 | .5 | .2 | .6 | .2 | | | | | | | | | | 69 | 69 | 69 | 62 |
| 60/ 59 | .1 | 2.8 | 1.9 | 1.6 | .8 | .5 | | | | | | | | | | | | 67 | 67 | 87 | 62 |
| 58/ 57 | | 1.9 | 1.1 | 1.1 | 1.0 | .5 | .3 | .2 | | | | | | | | | | 55 | 55 | 74 | 78 |
| 56/ 55 | | 1.4 | 2.6 | 1.1 | 1.1 | .6 | | | | | | | | | | | | 60 | 60 | 51 | 60 |
| 54/ 53 | .3 | 1.3 | .8 | .7 | .8 | .7 | | | | | | | | | | | | 40 | 40 | 51 | 53 |
| 52/ 51 | .2 | 1.5 | 1.1 | .5 | .5 | .6 | | | | | | | | | | | | 38 | 38 | 54 | 40 |
| 50/ 49 | .2 | 1.4 | 1.1 | .3 | .3 | | | | | | | | | | | | | 30 | 30 | 49 | 64 |
| 48/ 47 | | .5 | .6 | .2 | .9 | | | .1 | | | | | | | | | | 20 | 20 | 39 | 35 |
| 46/ 45 | | 1.1 | .6 | .6 | .1 | .1 | | | | | | | | | | | | 22 | 22 | 37 | 21 |
| 44/ 43 | | .1 | .3 | .1 | .3 | | | | | | | | | | | | | 8 | 8 | 25 | 27 |
| 42/ 41 | | .1 | .1 | .2 | | | | | | | | | | | | | | 4 | 4 | 16 | 35 |
| 40/ 39 | | | .2 | | .1 | | | | | | | | | | | | | 3 | 3 | 13 | 21 |
| 38/ 37 | | .2 | | .1 | | | | | | | | | | | | | | 3 | 3 | 7 | 21 |
| 36/ 35 | | .5 | .2 | .2 | | | | | | | | | | | | | | 8 | 8 | 7 | 17 |
| 34/ 33 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 3 | 18 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 5 | 17 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 3 | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 5 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| Element (X) | Σ H ² | | Σ H | | Σ | Σ | Σ | | Σ | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

722615 LAUGH IN AFR IX
STATION STATION NAME

69-70,73-80

YEARS

OCI
MONTA

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT
NOV 70

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX

69-70, 73-80

YEARS

OCT
MONTH

PAGE 1 1200-1800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-----|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 102/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | | | | .1 | | | | .1 | 2 | 2 | | |
| 96/ 95 | | | | | | | | | | | .1 | | | | .1 | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | | | .1 | | .1 | .3 | .1 | | | | 6 | 6 | | |
| 92/ 91 | | | | | | | | | | .2 | .2 | .1 | .3 | | | | | 8 | 8 | | |
| 90/ 89 | | | | | | | | .1 | .3 | .5 | .2 | .5 | .1 | | | | | 17 | 17 | | |
| 88/ 87 | | | | | | | | 1.1 | 1.0 | .4 | .9 | .3 | .2 | .2 | | | | 38 | 38 | | |
| 86/ 85 | | | | | | .3 | .8 | 1.7 | 1.3 | 1.5 | 1.2 | .7 | .2 | .3 | | | | 74 | 74 | | |
| 84/ 83 | | | | .4 | .9 | 1.6 | 1.4 | 1.0 | 1.1 | .8 | .3 | .5 | .1 | | | | | 75 | 75 | | |
| 82/ 81 | | | .3 | 1.2 | 1.1 | 1.4 | 1.3 | 1.2 | .7 | .8 | .4 | .5 | .1 | | | | | 83 | 83 | | |
| 80/ 79 | | | .1 | 1.4 | 2.1 | .7 | 1.3 | 1.4 | 1.5 | 1.2 | .8 | .1 | .1 | | | | | 98 | 98 | | |
| 78/ 77 | | | .3 | 1.0 | 1.2 | 1.9 | 2.0 | 1.5 | 1.1 | .8 | .5 | .5 | .1 | .3 | | | | 100 | 11.0 | | |
| 76/ 75 | | .5 | .4 | 1.9 | 1.0 | 1.7 | .7 | .8 | 1.0 | .3 | .3 | .3 | .3 | .3 | | | | 85 | 85 | 17 | |
| 74/ 73 | .2 | .2 | .4 | .7 | 1.1 | .5 | .5 | .5 | .4 | 1.3 | .3 | .1 | | | | | | 59 | 59 | 64 | 1 |
| 72/ 71 | .2 | 1.1 | 1.4 | 1.0 | .3 | .8 | .4 | .7 | .7 | .3 | .2 | .1 | | | | | | 66 | 66 | 91 | 23 |
| 70/ 69 | .2 | .8 | .4 | .4 | 1.2 | .2 | .8 | .8 | .4 | .4 | .2 | | | | | | | 54 | 54 | 81 | 38 |
| 68/ 67 | .2 | 1.3 | .7 | .8 | .3 | .4 | .1 | .1 | .4 | | | | | | | | | 40 | 40 | 120 | 62 |
| 66/ 65 | .4 | .7 | .5 | .2 | .4 | | .1 | .5 | | | | | | | | | | 27 | 27 | 96 | 60 |
| 64/ 63 | | .1 | 1.0 | .1 | .2 | .2 | .2 | .4 | .2 | .1 | | | | | | | | 24 | 24 | 97 | 83 |
| 62/ 61 | .2 | .1 | .1 | .1 | | .1 | .1 | .3 | | | | | | | | | | 10 | 10 | 69 | 64 |
| 60/ 59 | .5 | .3 | | .3 | .4 | .1 | .2 | .1 | | | | | | | | | | 19 | 19 | 62 | 66 |
| 58/ 57 | .2 | .3 | .1 | | .3 | .1 | .2 | .1 | | | | | | | | | | 13 | 13 | 60 | 68 |
| 56/ 55 | | .2 | | .3 | | | | | | | | | | | | | | 5 | 5 | 38 | 85 |
| 54/ 53 | .1 | | .1 | | | | | | | | | | | | | | | 2 | 2 | 38 | 50 |
| 52/ 51 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 24 | 38 |
| 50/ 49 | .1 | .4 | | | | | | | | | | | | | | | | 5 | 5 | 29 | 40 |
| 48/ 47 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 20 | 30 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | 9 | 32 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | 3 | 29 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 27 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 21 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 18 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 19 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 10 | |
| Element (X) | Σ x² | | Σ x | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 6 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 10-71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-70, 73-80 YEARS

OCI
NEW

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC **FORM** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
MAY 71

PSYCHROMETRIC SUMMARY

222615 LAUGHLIN AFB TX
STATION STATION

69-70, 73-80

021

PAGE 1 1500-1700

[illegible]

PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

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PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 69-70.73-80 YEARS OCT MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | | |
|--------------|-------------------------------------|-----|----------------|-----|----------------|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 88/ 87 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | |
| 86/ 85 | | | | | | | | | .1 | | .1 | | | | | | | 2 | 2 | | | | |
| 84/ 83 | | | | | | | .3 | .4 | | .1 | | | | | | | | 6 | 6 | | | | |
| 82/ 81 | | | | | | .3 | .1 | | | | | | | | | | | 3 | 3 | | | | |
| 80/ 79 | | .3 | | .5 | .4 | .6 | .3 | | | .5 | .5 | | | | | | | 24 | 24 | | | | |
| 78/ 77 | .1 | .3 | .8 | .9 | 1.4 | 1.5 | .6 | .6 | | | .1 | | | | | | | 50 | 50 | | | | |
| 76/ 75 | | .5 | .5 | 1.4 | 1.7 | 1.3 | 1.0 | .4 | .3 | | | | | | | | | 55 | 55 | 3 | 2 | | |
| 74/ 73 | | .1 | 1.1 | 1.5 | .9 | 1.9 | 1.3 | .6 | .5 | | .1 | | | | | | | 63 | 63 | 4 | 1 | | |
| 72/ 71 | .4 | 1.4 | 2.4 | 1.9 | 1.3 | 1.3 | 1.3 | .9 | .1 | | | | | | | | | 86 | 86 | 25 | 3 | | |
| 70/ 69 | .3 | 1.1 | 1.0 | 2.0 | 1.1 | .5 | 1.0 | .5 | .1 | | | | | | | | | 61 | 61 | 36 | 17 | | |
| 68/ 67 | .4 | 1.8 | .6 | 1.5 | 1.1 | .8 | .5 | .3 | .1 | | | | | | | | | 56 | 56 | 64 | 19 | | |
| 66/ 65 | 1.1 | 1.8 | 1.8 | 1.1 | .8 | 1.1 | .9 | .1 | | | | | | | | | | 69 | 69 | 57 | 33 | | |
| 64/ 63 | .9 | .8 | 4.5 | .4 | .9 | 1.1 | 1.0 | .1 | | | | | | | | | | 76 | 76 | 83 | 54 | | |
| 62/ 61 | .5 | 1.0 | 1.9 | 1.8 | .8 | .8 | .5 | .5 | | | | | | | | | | 61 | 61 | 71 | 52 | | |
| 60/ 59 | .9 | .9 | 1.3 | .8 | .3 | .5 | .4 | .4 | | | | | | | | | | 42 | 42 | 77 | 61 | | |
| 58/ 57 | 1.1 | .6 | .8 | .9 | .6 | .6 | .8 | .8 | | | | | | | | | | 43 | 43 | 89 | 62 | | |
| 56/ 55 | .3 | .5 | .5 | .3 | .5 | .4 | .3 | | | | | | | | | | | 21 | 21 | 48 | 66 | | |
| 54/ 53 | .3 | .6 | | .1 | .8 | .5 | .1 | | | | | | | | | | | 16 | 16 | 63 | 66 | | |
| 52/ 51 | .4 | .3 | .3 | .1 | .5 | | .1 | | | | | | | | | | | 13 | 13 | 43 | 50 | | |
| 50/ 49 | .8 | .3 | | .5 | .5 | .3 | | | | | | | | | | | | 18 | 18 | 22 | 39 | | |
| 48/ 47 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 26 | 39 | | |
| 46/ 45 | .4 | .3 | | | .3 | .1 | | | | | | | | | | | | 8 | 8 | 21 | 50 | | |
| 44/ 43 | | .3 | .1 | | | | | | | | | | | | | | | 3 | 3 | 25 | 29 | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 13 | 24 | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 6 | 25 | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 4 | 17 | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 12 | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 11 | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 13 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 12 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 8 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Element (H) | S ₁ | | S ₂ | | S ₃ | | S ₄ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 8-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

OCI
MAY 1964

PAGE 2 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 26/ 19 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 7.5 | 4.4 | 18.1 | 5.2 | 4.7 | 3.2 | 9.5 | 5.0 | 1.4 | .8 | | | | | | | | 783 | | 783 | |
| | | | | | | | | | | | | | | | | | | | 783 | | 783 | |
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0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

OCI
MONTH

PAGE 1

NOV 19 1964

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | |
|--------------|-------------------------------------|-----|----------------|-----|----------------|------|----------------|-------|----------|-------|------------------------------------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|--------|--------|--------|--------|--------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | |
| 102/ 101 | | | | | | | | | | | | | | .0 | | | .0 | 4 | 4 | | | | | | | | |
| 100/ 99 | | | | | | | | | | | | | | .0 | | | .0 | 3 | 3 | | | | | | | | |
| 98/ 97 | | | | | | | | | | | | | .0 | .0 | | | .0 | 4 | 4 | | | | | | | | |
| 96/ 95 | | | | | | | | | | | .0 | | .0 | .0 | .1 | | .0 | 9 | 9 | | | | | | | | |
| 94/ 93 | | | | | | | | | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | | 18 | 18 | | | | | | | | |
| 92/ 91 | | | | | | | | .0 | .1 | .1 | .1 | .1 | .1 | .0 | | | | 32 | 32 | | | | | | | | |
| 90/ 89 | | | | | | | | .0 | .1 | .4 | .2 | .2 | .0 | .0 | | | | 60 | 60 | | | | | | | | |
| 88/ 87 | | | | | | | | .3 | .5 | .4 | .3 | .2 | .1 | .1 | .0 | | | 121 | 121 | | | | | | | | |
| 86/ 85 | | | | | | .1 | .3 | .5 | .6 | .7 | .5 | .2 | .2 | .2 | .0 | | | 210 | 210 | | | | | | | | |
| 84/ 83 | | | | | .1 | .2 | .4 | .6 | .4 | .5 | .4 | .3 | .2 | .0 | | | | 206 | 206 | | | | | | | | |
| 82/ 81 | | | | .1 | .3 | .4 | .6 | .6 | .5 | .5 | .3 | .2 | .3 | .0 | | | | 243 | 243 | | | | | | | | |
| 80/ 79 | | | .0 | .2 | .6 | 1.0 | .6 | .7 | .7 | .5 | .5 | .3 | .0 | .1 | | | | 331 | 331 | | | | | | | | |
| 78/ 77 | | .0 | .1 | .5 | .8 | 1.0 | .8 | 1.0 | .5 | .5 | .3 | .2 | .1 | .2 | | | | 393 | 394 | | | | | | | | |
| 76/ 75 | | .0 | .5 | .8 | 1.4 | 1.1 | .9 | .7 | .4 | .4 | .3 | .2 | .1 | .1 | | | | 440 | 440 | 39 | 3 | | | | | | |
| 74/ 73 | | .4 | 1.1 | 1.1 | 1.0 | 1.0 | .7 | .3 | .4 | .4 | .3 | .1 | .1 | | | | | 452 | 452 | 173 | 5 | | | | | | |
| 72/ 71 | .0 | .8 | 1.3 | 1.5 | 1.3 | .8 | .7 | .5 | .4 | .3 | .2 | .0 | .0 | | | | | 506 | 506 | 327 | 75 | | | | | | |
| 70/ 69 | .1 | 1.0 | 1.5 | 1.0 | 1.1 | .8 | .5 | .6 | .3 | .2 | .2 | .1 | | | | | | 486 | 486 | 486 | 232 | | | | | | |
| 68/ 67 | .1 | 1.0 | 2.0 | 1.0 | 1.3 | .9 | .7 | .3 | .3 | .3 | .1 | | | | | | | 527 | 527 | 636 | 299 | | | | | | |
| 66/ 65 | .0 | 1.2 | 1.6 | 1.6 | .9 | .5 | .5 | .3 | .2 | .3 | .0 | | | | | | | 459 | 459 | 595 | 361 | | | | | | |
| 64/ 63 | .1 | .8 | 1.2 | 1.8 | .6 | .4 | .5 | .4 | .3 | .2 | .0 | | | | | | | 396 | 396 | 649 | 496 | | | | | | |
| 62/ 61 | .1 | 1.3 | .9 | .8 | .6 | .4 | .4 | .2 | .2 | .1 | | | | | | | | 313 | 313 | 575 | 481 | | | | | | |
| 60/ 59 | .0 | 1.2 | 1.0 | .8 | .5 | .4 | .3 | .2 | .1 | | | | | | | | | 292 | 292 | 563 | 468 | | | | | | |
| 58/ 57 | .1 | .8 | .6 | .6 | .5 | .4 | .2 | .2 | .1 | | | | | | | | | 222 | 222 | 529 | 529 | | | | | | |
| 56/ 55 | .1 | .6 | .8 | .5 | .4 | .4 | .3 | .0 | | | | | | | | | | 197 | 197 | 370 | 561 | | | | | | |
| 54/ 53 | .1 | .6 | .3 | .3 | .3 | .3 | .2 | .0 | | | | | | | | | | 131 | 131 | 355 | 401 | | | | | | |
| 52/ 51 | .0 | .4 | .4 | .2 | .2 | .3 | .0 | .0 | | | | | | | | | | 107 | 107 | 282 | 349 | | | | | | |
| 50/ 49 | .1 | .7 | .4 | .2 | .4 | .1 | .0 | | | | | | | | | | | 115 | 115 | 239 | 350 | | | | | | |
| 48/ 47 | .0 | .3 | .4 | .1 | .2 | .0 | | .0 | | | | | | | | | | 69 | 69 | 196 | 264 | | | | | | |
| 46/ 45 | | .4 | .2 | .1 | .1 | .1 | .0 | | | | | | | | | | | 55 | 55 | 158 | 286 | | | | | | |
| 44/ 43 | | .0 | .2 | .0 | .1 | | | | | | | | | | | | | 20 | 20 | 124 | 184 | | | | | | |
| 42/ 41 | | .0 | .0 | .1 | | | | | | | | | | | | | | 9 | 9 | 75 | 222 | | | | | | |
| 40/ 39 | | .1 | .1 | .0 | .1 | | | | | | | | | | | | | 19 | 19 | 33 | 158 | | | | | | |
| 38/ 37 | | .1 | | .0 | .0 | | | | | | | | | | | | | 10 | 10 | 24 | 150 | | | | | | |
| 36/ 35 | | .1 | .0 | | | | | | | | | | | | | | | 10 | 10 | 18 | 120 | | | | | | |
| Element (X) | S ₁ | | S ₂ | | S ₃ | | S ₄ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≤ 6 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX

69-70, 73-80

OCI

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

222615 LAUGHLIN AFB TX
STATION STATION NAME

69-70,75-80
YEARS

NOV
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|----------------|------|----------------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|--------------------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | |
| 74/ 73 | | | .2 | | | | | | | | | | | | | | | 1 | 1 | | |
| 73/ 71 | | .2 | 1.0 | | .2 | | | | | | .2 | | | | | | | 9 | 9 | | |
| 71/ 69 | | | 1.8 | | .2 | | | | | | | | | | | | | 12 | 12 | 5 | |
| 69/ 67 | | .7 | 2.2 | .2 | .2 | | .3 | | | .2 | | | | | | | | 22 | 22 | 8 7 | |
| 67/ 65 | | .7 | 1.8 | .8 | .2 | .3 | .5 | .2 | | | | | | | | | | 27 | 27 | 15 7 | |
| 65/ 63 | | | 2.2 | 1.8 | .5 | | .5 | | .3 | | | | | | | | | 32 | 32 | 16 18 | |
| 63/ 61 | | 1.2 | 2.0 | .8 | 1.0 | .5 | | | | | | | | | | | | 33 | 33 | 17 10 | |
| 61/ 59 | | 2.0 | 1.5 | 1.7 | .8 | .7 | .2 | .2 | | | | | | | | | | 42 | 42 | 29 17 | |
| 59/ 57 | | 2.3 | 2.2 | .7 | .8 | .7 | .7 | .3 | | | | | | | | | | 46 | 46 | 37 25 | |
| 57/ 55 | | 3.2 | 1.7 | 1.3 | 1.5 | .8 | 1.2 | | | | | | | | | | | 58 | 58 | 34 36 | |
| 55/ 53 | .7 | .5 | 1.7 | 1.5 | .5 | .8 | .8 | | | | | | | | | | | 39 | 39 | 57 30 | |
| 53/ 51 | | 1.2 | 2.2 | 2.0 | .8 | .3 | .5 | | | | | | | | | | | 42 | 42 | 24 30 | |
| 51/ 49 | | 1.7 | 3.0 | .5 | 1.3 | .2 | .2 | | | | | | | | | | | 41 | 41 | 44 28 | |
| 49/ 47 | | 1.5 | 2.0 | 1.5 | .7 | .8 | | | | | | | | | | | | 39 | 39 | 48 29 | |
| 47/ 45 | .2 | 2.0 | 2.2 | 1.2 | .7 | .2 | | | | | | | | | | | | 38 | 38 | 49 35 | |
| 45/ 43 | | 1.0 | 1.5 | .5 | .7 | .3 | | | | | | | | | | | | 24 | 24 | 45 47 | |
| 43/ 41 | | .7 | .3 | .7 | .5 | .5 | | | | | | | | | | | | 16 | 16 | 44 38 | |
| 41/ 39 | | .3 | 2.0 | .3 | .5 | | | | | | | | | | | | | 19 | 19 | 21 31 | |
| 39/ 37 | .3 | .7 | .5 | 1.0 | | | | | | | | | | | | | | 15 | 15 | 25 27 | |
| 37/ 35 | | .5 | 1.5 | 1.3 | .2 | | | | | | | | | | | | | 21 | 21 | 16 25 | |
| 35/ 33 | | .5 | .3 | .8 | .5 | | | | | | | | | | | | | 13 | 13 | 19 24 | |
| 33/ 31 | | | .3 | .3 | | | | | | | | | | | | | | 4 | 4 | 18 35 | |
| 31/ 29 | | | .5 | .2 | | | | | | | | | | | | | | 4 | 4 | 12 15 | |
| 29/ 27 | | .5 | .2 | | | | | | | | | | | | | | | 4 | 4 | 7 16 | |
| 27/ 25 | | | | | | | | | | | | | | | | | | | | 11 16 | |
| 25/ 23 | | | | | | | | | | | | | | | | | | | | 7 | |
| 23/ 21 | | | | | | | | | | | | | | | | | | | | 15 | |
| 21/ 19 | | | | | | | | | | | | | | | | | | | | 14 | |
| 19/ 17 | | | | | | | | | | | | | | | | | | | | 8 | |
| 17/ 15 | | | | | | | | | | | | | | | | | | | | 3 | |
| 15/ 13 | | | | | | | | | | | | | | | | | | | | 5 | |
| 13/ 11 | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | 1.2 | 21.1 | 34.6 | 19.1 | 11.6 | 6.2 | 4.8 | .7 | .3 | .2 | .2 | | | | | | | 601 | 601 | 601 | |
| Element (X) | Σ _h | | Σ _g | | Σ _i | | Σ _s | | No. Obs. | | Mean No. of Hours with Temperature | | | | | Total | | | | | |
| Rel. Hum. | 3160160 | | 42410 | | 70.6 | | 6.707 | | 601 | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | |
| Dry Bulb | 1725626 | | 31660 | | 52.7 | | 9.816 | | 601 | | | 1.8 | 6.6 | .1 | | | 90 | | | | |
| Wet Bulb | 1439628 | | 28806 | | 47.9 | | 9.912 | | 601 | | | 7.2 | 1.9 | | | | 90 | | | | |
| Dew Point | 1189956 | | 25650 | | 42.7 | | 12.599 | | 601 | | | 20.5 | 1.0 | | | | 90 | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STA

69-70, 75-80

NOV
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--|-------|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 74/ 73 | | .2 | .2 | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 72/ 71 | | .9 | | | | | | | | | | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | |
| 70/ 69 | | .2 | 1.9 | .3 | | | | | | | | | | | | | | 14 | 14 | 2 | 2 | | | | | | | | | | | | | | |
| 68/ 67 | | .5 | 2.4 | | | | | | | | | | | | | | | 17 | 17 | 8 | 1 | | | | | | | | | | | | | | |
| 66/ 65 | | 1.0 | 1.7 | .5 | | | .7 | | | | | | | | | | | 23 | 23 | 22 | 13 | | | | | | | | | | | | | | |
| 64/ 63 | .2 | 1.7 | 1.4 | 1.0 | | .3 | | | | .2 | .2 | | | | | | | 29 | 29 | 17 | 27 | | | | | | | | | | | | | | |
| 62/ 61 | | .9 | 1.7 | .3 | .3 | | .3 | | .2 | | | | | | | | | 22 | 22 | 20 | 9 | | | | | | | | | | | | | | |
| 60/ 59 | .2 | 2.1 | .7 | 1.0 | | 1.2 | | .3 | .2 | | | | | | | | | 33 | 33 | 24 | 17 | | | | | | | | | | | | | | |
| 58/ 57 | | 2.6 | 1.4 | .9 | .3 | .5 | | .2 | | | | | | | | | | 34 | 34 | 20 | 26 | | | | | | | | | | | | | | |
| 56/ 55 | .2 | 3.5 | 2.1 | 1.2 | 1.0 | .5 | .3 | | | | | | | | | | | 51 | 51 | 27 | 26 | | | | | | | | | | | | | | |
| 54/ 53 | .7 | 1.2 | .9 | 1.4 | .3 | .9 | .2 | | | | | | | | | | | 32 | 32 | 40 | 21 | | | | | | | | | | | | | | |
| 52/ 51 | | 1.9 | 1.4 | .5 | .9 | .9 | .3 | | | | | | | | | | | 34 | 34 | 28 | 24 | | | | | | | | | | | | | | |
| 50/ 49 | .2 | 1.9 | 3.0 | 1.7 | .9 | .7 | .2 | | | | | | | | | | | 49 | 49 | 38 | 33 | | | | | | | | | | | | | | |
| 48/ 47 | .3 | 3.6 | 1.6 | 1.0 | .2 | .3 | | | | | | | | | | | | 41 | 41 | 39 | 16 | | | | | | | | | | | | | | |
| 46/ 45 | .2 | 2.1 | 1.4 | 1.9 | | .3 | | | | | | | | | | | | 34 | 34 | 53 | 36 | | | | | | | | | | | | | | |
| 44/ 43 | | 2.3 | 2.6 | .9 | .5 | | | | | | | | | | | | | 36 | 36 | 47 | 39 | | | | | | | | | | | | | | |
| 42/ 41 | | 1.4 | 1.7 | 1.0 | .5 | .2 | | | | | | | | | | | | 28 | 28 | 37 | 35 | | | | | | | | | | | | | | |
| 40/ 39 | .2 | .7 | 1.2 | .3 | .2 | .2 | | | | | | | | | | | | 16 | 16 | 33 | 30 | | | | | | | | | | | | | | |
| 38/ 37 | | 1.0 | .7 | .7 | .7 | | | | | | | | | | | | | 18 | 18 | 21 | 32 | | | | | | | | | | | | | | |
| 36/ 35 | | .3 | 1.2 | .9 | | | | | | | | | | | | | | 14 | 14 | 25 | 29 | | | | | | | | | | | | | | |
| 34/ 33 | .2 | .5 | 1.4 | .9 | .2 | | | | | | | | | | | | | 18 | 18 | 12 | 29 | | | | | | | | | | | | | | |
| 32/ 31 | .2 | .5 | .3 | .5 | | | | | | | | | | | | | | 9 | 9 | 19 | 25 | | | | | | | | | | | | | | |
| 30/ 29 | | | .5 | .5 | | | | | | | | | | | | | | 6 | 6 | 19 | 19 | | | | | | | | | | | | | | |
| 28/ 27 | | .2 | .3 | | | | | | | | | | | | | | | 3 | 3 | 5 | 13 | | | | | | | | | | | | | | |
| 26/ 25 | | 1.0 | | | | | | | | | | | | | | | | 6 | 6 | 12 | 16 | | | | | | | | | | | | | | |
| 24/ 23 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 5 | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 15 | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Element (X) | Σ X² | | Σ X | | X | | Σ X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

72615 LAUGHLIN AFB TX
STATION STATION NAME

~~69-70, 75-80~~

YEARS

NOV
MONTE

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX

69-70, 73-80

NOV
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 74/ 73 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | | | | | |
| 72/ 71 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | | | | |
| 70/ 69 | | .1 | 1.1 | .2 | | | | | | | | | | | | | | 12 | 12 | 1 | 3 | | | |
| 68/ 67 | | 1.2 | 2.0 | | | | | | | | | | | | | | | 27 | 27 | 5 | | | | |
| 66/ 65 | | 2.0 | 1.0 | .5 | | .1 | .2 | | | | | | | | | | | 32 | 32 | 33 | 18 | | | |
| 64/ 63 | .1 | 2.1 | .8 | .2 | .2 | .2 | .1 | | | | | | | | | | | 33 | 33 | 35 | 33 | | | |
| 62/ 61 | .4 | 3.3 | 1.7 | .2 | .2 | | | .1 | | .1 | | | | | | | | 51 | 51 | 27 | 36 | | | |
| 60/ 59 | | 3.5 | .5 | 1.0 | .2 | .4 | | | | | | | | | | | | 46 | 46 | 42 | 22 | | | |
| 58/ 57 | | 3.1 | .4 | 1.0 | .2 | .1 | .1 | .6 | .1 | | | | | | | | | 47 | 47 | 38 | 42 | | | |
| 56/ 55 | .6 | 3.9 | 1.8 | .2 | .8 | .1 | .1 | .6 | | | | | | | | | | 69 | 69 | 49 | 48 | | | |
| 54/ 53 | .5 | 1.8 | 2.0 | 1.0 | .7 | .2 | | .2 | | | | | | | | | | 54 | 54 | 45 | 34 | | | |
| 52/ 51 | .6 | 2.4 | 2.4 | .7 | .5 | .7 | .1 | | | | | | | | | | | 62 | 62 | 53 | 40 | | | |
| 50/ 49 | .1 | 1.9 | 2.9 | 1.7 | .4 | .7 | | | | | | | | | | | | 64 | 64 | 38 | 42 | | | |
| 48/ 47 | .1 | 2.3 | 2.3 | 1.4 | .4 | .4 | | | | | | | | | | | | 57 | 57 | 58 | 36 | | | |
| 46/ 45 | .4 | 1.2 | 2.5 | 1.0 | .4 | .7 | | | | | | | | | | | | 51 | 51 | 63 | 35 | | | |
| 44/ 43 | .1 | 1.7 | 1.2 | .5 | .1 | .2 | | | | | | | | | | | | 32 | 32 | 57 | 50 | | | |
| 42/ 41 | | 2.0 | 1.3 | 1.4 | .2 | | | | | | | | | | | | | 42 | 42 | 57 | 39 | | | |
| 40/ 39 | .1 | 1.1 | 2.3 | 1.1 | .1 | .4 | | | | | | | | | | | | 42 | 42 | 44 | 48 | | | |
| 38/ 37 | .1 | 1.5 | 1.2 | .4 | | .4 | | | | | | | | | | | | 30 | 30 | 37 | 37 | | | |
| 36/ 35 | | .7 | .7 | .4 | .5 | | | | | | | | | | | | | 19 | 19 | 42 | 35 | | | |
| 34/ 33 | .1 | .6 | 1.1 | .4 | | | | | | | | | | | | | | 18 | 18 | 32 | 36 | | | |
| 32/ 31 | .2 | .5 | 1.0 | .5 | | | | | | | | | | | | | | 18 | 18 | 16 | 42 | | | |
| 30/ 29 | | .2 | .7 | .6 | | | | | | | | | | | | | | 13 | 13 | 22 | 24 | | | |
| 28/ 27 | | .6 | .2 | .1 | | | | | | | | | | | | | | 8 | 8 | 15 | 30 | | | |
| 26/ 25 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 16 | 30 | | | |
| 24/ 23 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 8 | 10 | | | |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 16 | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 15 | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 14 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Element (X) | Σ H ¹ | | Σ H | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 6 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

69-70, 73-80

YEARS

NOV
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

69-70, 73-80

YEARS

NOV
MONTH

PAGE 2 ~~0900-1100~~
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

69-70,73-80

YEARS

NOV
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

~~NOV~~
MONTH

PAGE 2 ~~1200-1400~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGH LIN AFB TX STATION NAME 69-70, 73-80 YEARS NOV MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|----------------|-----|----------------|------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|----------|------------------------------------|----------|----------|-----------|--------|--------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 92/ 91 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | | | | | |
| 91/ 89 | | | | | | | | | | | | | .2 | | .3 | | | 5 | 5 | | | | | | |
| 88/ 87 | | | | | | | | | | .1 | .1 | .2 | | | | .3 | | 7 | 7 | | | | | | |
| 86/ 85 | | | | | | | | | .1 | | .1 | .2 | .2 | .3 | .3 | .2 | | 16 | 16 | | | | | | |
| 84/ 83 | | | | | | | | .1 | .1 | .1 | .3 | .7 | .1 | | .4 | | | 17 | 17 | | | | | | |
| 82/ 81 | | | | | | .3 | .6 | 1.3 | .7 | .3 | .1 | .2 | .1 | .4 | | | | 37 | 37 | | | | | | |
| 79/ 79 | | | | | .1 | .3 | 1.0 | 1.3 | .8 | .6 | .3 | .6 | .4 | .7 | | | | 55 | 55 | | | | | | |
| 78/ 77 | | | | .7 | .3 | 1.9 | .7 | 1.3 | .8 | .9 | .7 | .6 | 1.1 | | | | | 80 | 80 | | | | | | |
| 76/ 75 | | | | .9 | .9 | 2.0 | 1.3 | .9 | .8 | .7 | 1.0 | .2 | | | | | | 70 | 70 | | | | | | |
| 74/ 73 | | | | .7 | .8 | .7 | .8 | 1.6 | 2.5 | .6 | .7 | .8 | .2 | | | | | 76 | 76 | | | | | | |
| 72/ 71 | | .2 | .1 | .4 | 1.0 | .7 | 1.2 | 1.7 | 1.2 | .6 | .1 | 1.1 | | | | | | 75 | 75 | 13 | | | | | |
| 71/ 69 | | | 1.1 | .2 | .6 | .6 | .6 | .8 | 1.0 | .8 | .3 | .2 | .1 | | | | | 53 | 53 | 21 | 4 | | | | |
| 68/ 67 | | | .1 | .2 | .6 | .6 | 1.5 | .2 | .6 | .8 | .6 | .1 | | | | | | 46 | 46 | 69 | 11 | | | | |
| 66/ 65 | | | .1 | .8 | .6 | .9 | .9 | .2 | .6 | .7 | .7 | | | | | | | 42 | 42 | 65 | 10 | | | | |
| 64/ 63 | | | .9 | .6 | .1 | .3 | .6 | .7 | 1.1 | .3 | .9 | .1 | | | | | | 50 | 50 | 60 | 28 | | | | |
| 62/ 61 | | | .1 | .1 | .3 | 1.3 | .4 | .8 | .2 | | .3 | | | | | | | 30 | 30 | 43 | 53 | | | | |
| 60/ 59 | | .6 | .7 | .2 | .1 | .3 | .4 | 1.6 | 1.7 | .2 | | | | | | | | 52 | 52 | 77 | 42 | | | | |
| 58/ 57 | | .9 | .6 | .2 | .2 | .8 | .8 | 1.0 | | | | | | | | | | 40 | 40 | 86 | 42 | | | | |
| 56/ 55 | | .7 | .4 | .6 | .6 | .3 | .4 | .3 | .1 | | | | | | | | | 31 | 31 | 84 | 43 | | | | |
| 54/ 53 | .1 | .9 | | .1 | .2 | .2 | .2 | .7 | | | | | | | | | | 20 | 20 | 73 | 47 | | | | |
| 52/ 51 | | | .7 | .1 | .1 | .3 | .7 | .9 | | | | | | | | | | 25 | 25 | 35 | 38 | | | | |
| 50/ 49 | | .3 | .8 | .1 | .8 | .3 | .8 | .3 | | | | | | | | | | 25 | 25 | 44 | 40 | | | | |
| 48/ 47 | .2 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | 7 | 7 | 52 | 43 | | | | |
| 46/ 45 | | | .8 | .2 | .2 | | .1 | | | | | | | | | | | 9 | 9 | 52 | 56 | | | | |
| 44/ 43 | | .3 | | | | .2 | | | | | | | | | | | | 5 | 5 | 36 | 43 | | | | |
| 42/ 41 | | .8 | | | | | | | | | | | | | | | | 4 | 4 | 22 | 46 | | | | |
| 40/ 39 | | .4 | | .3 | | | | | | | | | | | | | | 7 | 7 | 24 | 39 | | | | |
| 38/ 37 | | .3 | | | .2 | | | | | | | | | | | | | 5 | 5 | 14 | 33 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 12 | 27 | | | | |
| 34/ 33 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 6 | 25 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 43 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 39 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 29 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 21 | | | | |
| Element (K) | S ₁ | | S ₂ | | S ₃ | | S ₄ | | S ₅ | | S ₆ | | S ₇ | | S ₈ | | No. Obs. | Mean No. of Hours with Temperature | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

~~NOV~~
MONTH

PAGE 2 ~~1500-1700~~

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 9 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 18 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 8 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 20 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 14 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 8 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | .3 | 5.4 | 5.7 | 5.5 | 6.7 | 11.2 | 1.9 | 5.2 | 4.7 | 6.3 | 6.6 | 4.7 | 2.6 | 1.5 | 1.1 | .6 | | | 891 | | 891 |
| | | | | | | | | | | | | | | | | | | 891 | | 891 | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX 69-70, 73-80 YEARS NOV MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | | | | | | | | .1 | | | .1 | | | 2 | 2 | |
| 80/ 79 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | |
| 78/ 77 | | | | .1 | | .2 | .7 | .1 | .1 | .4 | .2 | .4 | | | | | | 19 | 19 | |
| 76/ 75 | | | | .1 | .5 | .9 | .6 | .4 | .5 | .2 | .2 | | | .2 | | | | 30 | 30 | |
| 74/ 73 | | | | .4 | .6 | 1.0 | .6 | .2 | .1 | .2 | .1 | .1 | | | | | | 28 | 28 | |
| 72/ 71 | | | .7 | 1.1 | 1.3 | 1.0 | .9 | 1.0 | .4 | .2 | .4 | | | | | | | 57 | 57 | 1 |
| 70/ 69 | | .1 | 1.5 | 1.2 | 1.5 | 1.1 | .9 | 1.0 | .2 | .4 | 1.1 | | | | | | | 73 | 73 | 3 |
| 68/ 67 | | .1 | 1.3 | 1.6 | 1.1 | .9 | 1.8 | 1.1 | .5 | .4 | .1 | | | | | | | 73 | 73 | 23 |
| 66/ 65 | | .1 | .6 | .9 | 1.1 | 1.2 | 1.1 | .4 | .5 | .2 | .1 | .1 | | | | | | 52 | 52 | 43 |
| 64/ 63 | | .4 | .9 | .5 | 1.8 | 1.3 | .5 | .9 | .6 | .2 | | | | | | | | 58 | 58 | 52 |
| 62/ 61 | | .7 | .9 | .5 | 1.3 | 1.6 | 1.0 | .7 | .4 | .1 | | | | | | | | 59 | 59 | 43 |
| 60/ 59 | | .6 | .9 | 1.6 | 1.0 | .7 | .1 | .6 | .2 | .1 | | | | | | | | 48 | 48 | 57 |
| 58/ 57 | | 1.2 | 1.0 | 1.2 | 1.1 | .5 | 1.3 | 1.2 | .4 | | | | | | | | | 65 | 65 | 59 |
| 56/ 55 | | .6 | | 1.1 | .6 | .7 | 1.2 | .4 | .1 | | | | | | | | | 39 | 39 | 82 |
| 54/ 53 | .4 | .7 | .1 | 1.6 | 1.1 | .9 | .5 | .6 | | | | | | | | | | 48 | 48 | 71 |
| 52/ 51 | | .1 | .2 | 1.0 | .5 | .6 | 1.1 | .4 | | | | | | | | | | 32 | 32 | 57 |
| 50/ 49 | | .4 | 1.1 | .5 | 1.0 | 1.0 | 1.0 | .2 | | | | | | | | | | 42 | 42 | 47 |
| 48/ 47 | | .6 | .2 | .2 | .4 | .4 | .5 | .2 | | | | | | | | | | 21 | 21 | 48 |
| 46/ 45 | | .4 | .4 | .7 | .2 | .5 | .5 | | | | | | | | | | | 22 | 22 | 56 |
| 44/ 43 | | .6 | .1 | .4 | .5 | .1 | .5 | | | | | | | | | | | 18 | 18 | 40 |
| 42/ 41 | .1 | .4 | .2 | .1 | .2 | .2 | | | | | | | | | | | | 11 | 11 | 38 |
| 40/ 39 | | .7 | | .1 | .2 | .2 | | | | | | | | | | | | 11 | 11 | 35 |
| 38/ 37 | | .1 | .2 | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 23 |
| 36/ 35 | | .2 | | .1 | | | | | | | | | | | | | | 3 | 3 | 14 |
| 34/ 33 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 15 |
| 32/ 31 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 6 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 4 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 17 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 17 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 9 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 21 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 15 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 3 |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX

69-70, 73-80

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|----------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 75 / 77 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 76 / 75 | | | | | | | .3 | | | | | | | | | | | 2 | 2 | | | | | | |
| 74 / 73 | | | | .1 | | .1 | .1 | | | .1 | | | | | | | | 4 | 4 | | | | | | |
| 72 / 71 | | | .5 | .4 | .1 | .7 | .3 | | .3 | .1 | | | | | | | | 18 | 18 | | | | | | |
| 70 / 69 | | | 1.3 | 1.1 | .4 | .1 | .1 | .1 | | | | | | | | | | 24 | 24 | 2 | | | | | |
| 68 / 67 | | .3 | 1.9 | 1.2 | .8 | .5 | .1 | .7 | | .1 | | | | | | | | 42 | 42 | 6 | | | | | |
| 66 / 65 | | .4 | 1.5 | .9 | .7 | .3 | .3 | .3 | .1 | .4 | | | | | | | | 36 | 36 | 22 | 9 | | | | |
| 64 / 63 | | .3 | 1.9 | .9 | .8 | .4 | .3 | | .1 | .1 | | | | | | | | 36 | 36 | 27 | 17 | | | | |
| 62 / 61 | | 1.3 | 1.5 | 1.3 | 1.1 | .4 | .3 | .4 | | | | | | | | | | 47 | 47 | 34 | 21 | | | | |
| 60 / 59 | | .9 | 2.0 | 2.3 | 1.1 | 1.6 | .7 | 1.3 | .3 | | | | | | | | | 76 | 76 | 34 | 21 | | | | |
| 58 / 57 | | 2.3 | 3.0 | .9 | 1.3 | .9 | | .7 | | | | | | | | | | 68 | 68 | 40 | 41 | | | | |
| 56 / 55 | | 1.2 | .9 | 2.3 | 1.1 | .9 | .9 | | | | | | | | | | | 55 | 55 | 63 | 43 | | | | |
| 54 / 53 | .1 | 1.5 | 1.7 | 2.7 | .5 | .3 | .1 | | | | | | | | | | | 52 | 52 | 70 | 42 | | | | |
| 52 / 51 | | .1 | 1.9 | 1.3 | 2.2 | .8 | .7 | | | | | | | | | | | 52 | 52 | 32 | 32 | | | | |
| 50 / 49 | | .7 | 1.7 | 1.7 | 1.3 | .8 | .4 | | | | | | | | | | | 50 | 50 | 59 | 41 | | | | |
| 48 / 47 | | .4 | 1.3 | 1.1 | 1.1 | .8 | .4 | | | | | | | | | | | 38 | 38 | 68 | 30 | | | | |
| 46 / 45 | .3 | .9 | .8 | .8 | .7 | .9 | .1 | | | | | | | | | | | 34 | 34 | 54 | 51 | | | | |
| 44 / 43 | | .7 | .8 | .5 | .4 | .5 | | | | | | | | | | | | 22 | 22 | 52 | 47 | | | | |
| 42 / 41 | | .5 | .7 | .9 | .5 | .3 | | | | | | | | | | | | 22 | 22 | 35 | 47 | | | | |
| 40 / 39 | | .8 | .9 | .4 | .7 | .3 | | | | | | | | | | | | 23 | 23 | 33 | 41 | | | | |
| 38 / 37 | | .1 | .4 | .5 | .4 | .4 | | | | | | | | | | | | 14 | 14 | 33 | 26 | | | | |
| 36 / 35 | | .1 | .5 | .7 | .5 | | | | | | | | | | | | | 14 | 14 | 20 | 28 | | | | |
| 34 / 33 | | | .1 | .7 | .1 | | | | | | | | | | | | | 7 | 7 | 20 | 29 | | | | |
| 32 / 31 | | | .3 | .3 | | | | | | | | | | | | | | 4 | 4 | 14 | 45 | | | | |
| 30 / 29 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 12 | 22 | | | | |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | 9 | 26 | | | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | 4 | 12 | | | | |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | 17 | | | | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | 12 | | | | |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | 14 | | | | |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | 13 | | | | |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 14 / 13 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| Element (X) | Σ H ¹ | | Σ H | | Σ | C ₂ | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTHS

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGH LIN AFB TX
STATION STATION NAME

69-70, 73-80

NO
MONT

PAGE 2

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 75-80 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------------------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 74/ 69 | | .5 | .2 | .3 | | | | | | | | | | | | | | 6 | 6 | | | | | |
| 68/ 67 | .2 | | .6 | .8 | | | | | | | | | | | | | | 10 | 10 | 4 | | | | |
| 66/ 65 | .3 | .3 | .3 | .2 | | | | | | | | | | | | | | 7 | 7 | 3 | | | | |
| 64/ 63 | | .2 | 1.0 | .2 | | | | | | | | | | | | | | 8 | 8 | 11 | | | | |
| 62/ 61 | .5 | .5 | .5 | .3 | | | .2 | | | | | | | | | | | 12 | 12 | 11 | | | | |
| 60/ 59 | .2 | .6 | .2 | 1.0 | | | .2 | .2 | .3 | | | | | | | | | 16 | 16 | 8 | | | | |
| 58/ 57 | .6 | 2.1 | .8 | .8 | .2 | .2 | .2 | | .2 | | | | | | | | | 31 | 31 | 16 | | | | |
| 56/ 55 | .5 | 2.3 | .5 | .6 | | .3 | | | | | | | | | | | | 26 | 26 | 21 | | | | |
| 54/ 53 | 1.1 | 2.1 | 1.0 | 1.6 | .5 | .5 | 1.0 | .2 | | | | | | | | | | 49 | 49 | 32 | | | | |
| 52/ 51 | .6 | 1.0 | 1.6 | 1.0 | .6 | .3 | | | | | | | | | | | | 32 | 32 | 25 | | | | |
| 50/ 49 | .5 | 2.9 | 3.1 | 1.6 | .6 | .5 | .5 | | | | | | | | | | | 60 | 60 | 22 | | | | |
| 48/ 47 | .6 | 1.9 | 2.6 | 2.3 | 1.5 | .2 | .5 | | | | | | | | | | | 59 | 59 | 54 | | | | |
| 46/ 45 | .2 | 3.4 | 1.8 | 2.4 | 1.5 | .3 | | | | | | | | | | | | 59 | 59 | 42 | | | | |
| 44/ 43 | | 1.1 | 1.5 | 2.1 | .3 | .5 | .2 | | | | | | | | | | | 35 | 35 | 52 | | | | |
| 42/ 41 | | 2.3 | 1.8 | 2.9 | 1.6 | .2 | | | | | | | | | | | | 54 | 54 | 49 | | | | |
| 40/ 39 | .6 | 1.1 | 4.5 | 1.1 | .8 | .5 | | | | | | | | | | | | 54 | 54 | 53 | | | | |
| 38/ 37 | .3 | 2.3 | 1.3 | 1.6 | .6 | | | | | | | | | | | | | 38 | 38 | 40 | | | | |
| 36/ 35 | | .6 | 2.3 | .6 | .3 | | | | | | | | | | | | | 24 | 24 | 67 | | | | |
| 34/ 33 | | .6 | .5 | .6 | .8 | | | | | | | | | | | | | 16 | 16 | 38 | | | | |
| 32/ 31 | | .2 | 1.0 | 1.1 | | | | | | | | | | | | | | 14 | 14 | 31 | | | | |
| 30/ 29 | | .8 | .8 | | | | | | | | | | | | | | | 10 | 10 | 12 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 21 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 8 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 6.3 | 26.8 | 27.6 | 23.2 | 9.4 | 3.4 | 2.6 | .3 | .5 | | | | | | | | | 620 | 620 | 620 | | | | |
| Element (X) | Σ X | | Σ X | | Σ X | | Σ X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | 3381783 | | 44421 | | 71.6 | | 7.937 | | 620 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | 1416254 | | 29186 | | 47.0 | | 8.631 | | 620 | | | | 3.6 | | 2.4 | | | | | | | | 93 | |
| Wet Bulb | 1195423 | | 26631 | | 43.0 | | 9.124 | | 620 | | | | 10.8 | | .6 | | | | | | | | 93 | |
| Dew Point | 967282 | | 23292 | | 37.6 | | 2.08 | | 620 | | | | 37.5 | | .2 | | | | | | | | 93 | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

222615 STATION LAUGHLIN AFB TX STATION NAME 69-70, 75-80 YEARS DEC MONTH

PAGE 1 0100-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 68/ 67 | | .5 | 1.2 | | | | | | | | | | | | | | | 10 | 10 | 1 | | | | |
| 66/ 65 | .2 | .8 | .3 | .2 | | | | | | | | | | | | | | 9 | 9 | 7 | | | | |
| 64/ 63 | | 1.9 | .2 | | | | | | | | | | | | | | | 12 | 12 | 8 | | | | |
| 62/ 61 | | .3 | .7 | | | | | | | | | | | | | | | 6 | 6 | 14 | | | | |
| 60/ 59 | | 1.0 | 1.2 | .2 | | | | | | | | | | | | | | 14 | 14 | 5 | | | | |
| 58/ 57 | .2 | 2.4 | .8 | | | | | | | | | | | | | | | 20 | 20 | 14 | | | | |
| 56/ 55 | 1.0 | 1.9 | .3 | .3 | | .2 | .2 | .3 | .2 | | | | | | | | | 26 | 26 | 31 | | | | |
| 54/ 53 | 1.9 | 2.4 | .3 | .5 | .3 | .2 | | | | | | | | | | | | 33 | 33 | 24 | | | | |
| 52/ 51 | .8 | .7 | 2.5 | .5 | | .5 | .7 | | | | | | | | | | | 34 | 34 | 19 | | | | |
| 50/ 49 | .3 | 2.9 | 1.3 | 1.2 | .5 | .2 | .5 | | | | | | | | | | | 41 | 41 | 14 | | | | |
| 48/ 47 | .8 | 2.5 | 2.2 | 1.0 | 1.3 | | .3 | | | | | | | | | | | 49 | 49 | 40 | | | | |
| 46/ 45 | .3 | 1.3 | 2.5 | 2.7 | .7 | .3 | .2 | | | | | | | | | | | 48 | 48 | 36 | | | | |
| 44/ 43 | .2 | 2.9 | 2.5 | 2.0 | 1.7 | .2 | | | | | | | | | | | | 56 | 56 | 38 | | | | |
| 42/ 41 | .2 | 2.4 | 2.2 | 1.2 | .2 | .2 | | | | | | | | | | | | 37 | 37 | 50 | | | | |
| 40/ 39 | .5 | 2.0 | 3.7 | 1.3 | | | | | | | | | | | | | | 45 | 45 | 52 | | | | |
| 38/ 37 | | 2.7 | 2.4 | .8 | 1.2 | .2 | | | | | | | | | | | | 43 | 43 | 46 | | | | |
| 36/ 35 | 1.0 | 2.4 | 2.0 | 1.3 | .2 | | | | | | | | | | | | | 41 | 41 | 60 | | | | |
| 34/ 33 | | 1.5 | 1.2 | .3 | .3 | | | | | | | | | | | | | 20 | 20 | 37 | | | | |
| 32/ 31 | | 1.2 | 1.5 | .8 | .3 | | | | | | | | | | | | | 23 | 23 | 26 | | | | |
| 30/ 29 | | 2.2 | .7 | .2 | | | | | | | | | | | | | | 18 | 18 | 26 | | | | |
| 28/ 27 | | .8 | .3 | .2 | | | | | | | | | | | | | | 8 | 8 | 24 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 18 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 7.4 | 36.6 | 30.2 | 14.8 | 6.7 | 1.9 | 1.9 | .3 | .2 | | | | | | | | | 593 | 593 | 593 | | | | |
| Element (X) | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | | |
| Rel. Hum. | 3537816 | | 88648 | | 75.3 | | 7.252 | | 593 | | 50 F | | 32 F | | 67 F | | 73 F | | 80 F | | 93 F | | | |
| Dry Bulb | 1265605 | | 26849 | | 85.3 | | 9.188 | | 593 | | 7.7 | | 1.6 | | | | | | | | 93 | | | |
| Wet Bulb | 1097384 | | 24856 | | 81.9 | | 9.685 | | 593 | | 15.2 | | .2 | | | | | | | | 93 | | | |
| Dew Point | 916776 | | 22110 | | 37.3 | | 2.898 | | 593 | | 37.3 | | | | | | | | | | 93 | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHIN AFB TX

69-70, 73-80

YEARS

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 68/ 67 | | | .5 | | | | | | | | | | | | | | | 4 | 4 | | | | | |
| 66/ 65 | .5 | .4 | .7 | | | | | | | | | | | | | | | 13 | 13 | 6 | 5 | | | |
| 64/ 63 | .7 | 1.1 | .2 | | | | | | | | | | | | | | | 17 | 17 | 18 | 7 | | | |
| 62/ 61 | .4 | 1.7 | | | | | | | | | | | | | | | | 17 | 17 | 15 | 19 | | | |
| 60/ 59 | .6 | 1.3 | 1.2 | | .1 | | | | | | | | | | | | | 27 | 27 | 23 | 20 | | | |
| 58/ 57 | 1.6 | 1.7 | .7 | .1 | .1 | | | | | | | | | | | | | 35 | 35 | 25 | 27 | | | |
| 56/ 55 | 1.1 | 2.8 | .7 | | .1 | | | .1 | | | | | | | | | | 40 | 40 | 40 | 34 | | | |
| 54/ 53 | .8 | 1.3 | .1 | .2 | | .1 | | | | | | | | | | | | 22 | 22 | 26 | 30 | | | |
| 52/ 51 | .6 | 1.8 | .6 | 1.0 | .2 | .5 | .4 | | | | | | | | | | | 42 | 42 | 27 | 21 | | | |
| 50/ 49 | .7 | 3.0 | .8 | .5 | .6 | | .2 | .1 | | | | | | | | | | 50 | 50 | 27 | 30 | | | |
| 48/ 47 | .6 | 1.4 | 2.2 | .7 | .7 | .1 | | | | | | | | | | | | 48 | 48 | 31 | 24 | | | |
| 46/ 45 | .7 | 3.1 | 3.5 | 1.9 | .7 | .5 | | | | | | | | | | | | 87 | 87 | 36 | 25 | | | |
| 44/ 43 | .5 | 1.9 | 1.8 | 1.8 | .7 | .8 | | | | | | | | | | | | 63 | 63 | 63 | 25 | | | |
| 42/ 41 | | 2.6 | 1.8 | 1.9 | 1.4 | | | | | | | | | | | | | 65 | 65 | 64 | 35 | | | |
| 40/ 39 | .8 | 2.9 | 2.9 | 1.7 | .4 | | | | | | | | | | | | | 72 | 72 | 70 | 58 | | | |
| 38/ 37 | .6 | 2.0 | 2.9 | .5 | .8 | | | | | | | | | | | | | 57 | 57 | 66 | 52 | | | |
| 36/ 35 | .6 | 2.0 | 1.9 | 1.6 | .4 | | | | | | | | | | | | | 54 | 54 | 78 | 43 | | | |
| 34/ 33 | .2 | 1.8 | 2.2 | 1.0 | .1 | | | | | | | | | | | | | 44 | 44 | 63 | 39 | | | |
| 32/ 31 | | 1.7 | 1.6 | .4 | .2 | | | | | | | | | | | | | 32 | 32 | 40 | 62 | | | |
| 30/ 29 | .1 | 1.7 | .6 | .2 | | | | | | | | | | | | | | 22 | 22 | 54 | 46 | | | |
| 28/ 27 | | 1.1 | .6 | .2 | .2 | | | | | | | | | | | | | 18 | 18 | 28 | 48 | | | |
| 26/ 25 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 21 | 42 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 7 | 36 | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 38 | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 21 | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 14 | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | Σ | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | ± 0 F | | ± 22 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 92 F | | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-70,73-80

DEC
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|----------|----------|-----------|-------|----|----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 51/ 79 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | | | | | | | | | .1 | .1 | | | | | | | | | | | 2 | 2 | | |
| 71/ 69 | | | | .6 | | | | | | | | | | | | | | | | | 6 | 6 | | |
| 68/ 67 | | .2 | .6 | | | .1 | | | | .2 | .1 | | | | | | | | | | 11 | 11 | | |
| 66/ 65 | .1 | .9 | .8 | .1 | .1 | .2 | .3 | | .1 | .2 | .1 | | | | | | | | | | 27 | 27 | 5 | 2 |
| 64/ 63 | .6 | 1.7 | .2 | .2 | .1 | | .3 | .3 | | .1 | | | | | | | | | | | 32 | 32 | 30 | 14 |
| 62/ 61 | .5 | 1.2 | .3 | .8 | .5 | .5 | .2 | .2 | .1 | .1 | | | | | | | | | | | 39 | 39 | 20 | 28 |
| 60/ 59 | .6 | 1.8 | .8 | .6 | .5 | .9 | .3 | .2 | .3 | | | | | | | | | | | | 53 | 53 | 20 | 22 |
| 58/ 57 | 1.9 | 1.6 | 1.7 | .5 | .8 | .5 | .9 | .2 | .3 | | | | | | | | | | | | 74 | 74 | 43 | 30 |
| 56/ 55 | .8 | 1.6 | .9 | 1.2 | 1.8 | 1.4 | .8 | .8 | .1 | | | | | | | | | | | | 83 | 83 | 47 | 32 |
| 54/ 53 | .3 | 1.5 | .8 | 1.7 | .3 | 1.6 | 1.2 | .3 | | | | | | | | | | | | | 69 | 69 | 40 | 27 |
| 52/ 51 | .6 | 1.2 | .7 | 1.1 | 1.8 | 1.5 | .9 | .3 | | | | | | | | | | | | | 72 | 72 | 48 | 36 |
| 50/ 49 | .8 | 2.2 | 1.8 | 1.7 | 1.7 | 1.2 | .6 | .2 | | | | | | | | | | | | | 90 | 90 | 59 | 37 |
| 48/ 47 | | 1.2 | 2.6 | 2.3 | 2.0 | 1.9 | .2 | | | | | | | | | | | | | | 91 | 91 | 65 | 30 |
| 46/ 45 | .1 | 1.6 | 1.1 | 1.5 | 1.2 | .8 | .1 | .1 | | | | | | | | | | | | | 58 | 58 | 74 | 31 |
| 44/ 43 | .2 | 1.1 | 1.7 | 1.0 | .9 | .9 | | | | | | | | | | | | | | | 52 | 52 | 99 | 40 |
| 42/ 41 | .1 | .8 | 1.1 | 1.0 | 1.5 | .5 | | | | | | | | | | | | | | | 44 | 44 | 89 | 51 |
| 40/ 39 | .2 | .3 | .8 | .6 | .5 | .5 | .1 | | | | | | | | | | | | | | 26 | 26 | 70 | 57 |
| 38/ 37 | | .7 | .2 | .7 | .3 | .1 | | | | | | | | | | | | | | | 18 | 18 | 60 | 40 |
| 36/ 35 | | .2 | .6 | .9 | .5 | | | | | | | | | | | | | | | | 19 | 19 | 37 | 54 |
| 34/ 33 | | .2 | .2 | .1 | .2 | .1 | | | | | | | | | | | | | | | 8 | 8 | 26 | 53 |
| 32/ 31 | | | | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 20 | 73 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | 18 | 31 |
| 28/ 27 | | | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 35 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | 2 | 36 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | 1 | 25 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Element (K) | Σ H ² | | Σ R | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 6 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEAR

DEC
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6 / 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 6.8 | 20.2 | 17.0 | 16.7 | 15.0 | 12.6 | 6.1 | 2.8 | 1.1 | .8 | .3 | .1 | .1 | .1 | | | | | 880 | 880 | 880 |
| | | | | | | | | | | | | | | | | | | | 880 | 880 | |
| | | | | | | | | | | | | | | | | | | | | | |
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USAFETAC **FORM** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
MAY 75

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

69-70, 73-80

~~DEC~~

PAGE 2 ~~1200-1400~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 YEARS DEC MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------------|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | .1 | .1 | 2 | 2 | | | | | |
| 84/ 83 | | | | | | | | | | | | | .1 | .2 | | | | 3 | 3 | | | | | |
| 82/ 81 | | | | | | | | | | | .1 | .3 | .2 | .1 | .3 | | | 10 | 10 | | | | | |
| 80/ 79 | | | | | | | | | | .2 | | .2 | .1 | .2 | | | | 7 | 7 | | | | | |
| 78/ 77 | | | | | | .1 | 1.0 | | .7 | | .4 | .1 | | .1 | | | | 22 | 22 | | | | | |
| 76/ 75 | | | | | | .7 | .7 | .4 | .4 | .2 | .8 | .3 | .4 | .1 | | | | 37 | 37 | | | | | |
| 74/ 73 | | | | .1 | .7 | 1.1 | .8 | .4 | .6 | .6 | .4 | .3 | .2 | .2 | | | | 49 | 49 | | | | | |
| 72/ 71 | | | | .3 | .3 | .6 | .7 | .6 | 1.1 | .7 | .9 | .2 | .2 | | | | | 50 | 50 | | | | | |
| 70/ 69 | | .1 | .6 | .2 | .2 | 1.6 | .3 | .4 | 1.1 | 1.7 | .6 | .7 | | | | | | 67 | 67 | | | | | |
| 68/ 67 | | .1 | .6 | .1 | .9 | .6 | .8 | .3 | .8 | .8 | .8 | .4 | | | | | | 55 | 55 | 6 | | | | |
| 66/ 65 | .1 | .2 | .6 | .8 | .1 | .8 | .6 | 1.2 | 1.2 | 1.7 | 1.5 | | | | | | | 78 | 78 | 41 | 5 | | | |
| 64/ 63 | | .2 | 1.2 | .3 | .6 | .9 | 1.7 | .4 | 2.9 | 1.1 | .4 | | | | | | | 88 | 88 | 21 | 10 | | | |
| 62/ 61 | | 1.0 | .6 | .2 | .1 | .9 | .6 | 1.2 | 1.0 | 1.9 | | | | | | | | 67 | 67 | 38 | 19 | | | |
| 60/ 59 | | .9 | 1.6 | .1 | | .7 | 1.5 | 1.8 | 1.2 | 1.0 | .1 | | | | | | | 79 | 79 | 66 | 21 | | | |
| 58/ 57 | .3 | .6 | .4 | .4 | .7 | 1.0 | 1.2 | 1.2 | .1 | .1 | | | | | | | | 55 | 55 | 64 | 43 | | | |
| 56/ 55 | .1 | .7 | .1 | | .9 | .8 | .8 | 1.5 | .8 | .3 | | | | | | | | 53 | 53 | 67 | 38 | | | |
| 54/ 53 | | .4 | .3 | .3 | .7 | 1.3 | .7 | .6 | | | | | | | | | | 39 | 39 | 70 | 35 | | | |
| 52/ 51 | | .1 | .1 | .4 | .8 | .3 | .4 | .2 | | | | | | | | | | 22 | 22 | 62 | 38 | | | |
| 50/ 49 | | .4 | .6 | .4 | .4 | .9 | .8 | | | | | | | | | | | 32 | 32 | 66 | 20 | | | |
| 48/ 47 | | .2 | .1 | .6 | .3 | .4 | .1 | .7 | | | | | | | | | | 22 | 22 | 108 | 22 | | | |
| 46/ 45 | .1 | .6 | .1 | 1.0 | | .1 | .8 | | | | | | | | | | | 24 | 24 | 92 | 32 | | | |
| 44/ 43 | | | | .2 | .2 | .4 | | | | | | | | | | | | 10 | 10 | 57 | 39 | | | |
| 42/ 41 | | .3 | .1 | .3 | | .6 | | | | | | | | | | | | 12 | 12 | 55 | 49 | | | |
| 40/ 39 | | | .1 | .2 | .1 | | | | | | | | | | | | | 4 | 4 | 34 | 41 | | | |
| 38/ 37 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 10 | 39 | | | |
| 36/ 35 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 11 | 53 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 23 | 50 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 3 | 67 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 37 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 44 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 31 | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 47 | | | |
| Element (X) | Σ H ⁺ | | Σ H ⁻ | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|--------------|-------------------------------------|------|-------|------|------|------|--------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|--------------------|----------|-----------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | Dry Bulb | | Wet Bulb | Dew Point | | |
| 71 / 64 | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | 6 | 6 | | | | |
| 68 / 67 | | .4 | | .8 | .3 | | .1 | | | | | | | | | | | 14 | 14 | 1 | | | |
| 66 / 65 | | .3 | .5 | .4 | .3 | | | | .1 | .1 | .1 | | | | | | | 14 | 14 | 5 | 4 | | |
| 64 / 63 | .1 | .3 | .7 | .3 | .3 | | | | | .1 | | | | | | | | 12 | 12 | 7 | 3 | | |
| 62 / 61 | .5 | .9 | .4 | .3 | .1 | .3 | .1 | .1 | .1 | .3 | | | | | | | | 24 | 24 | 19 | 7 | | |
| 60 / 59 | .7 | 1.7 | .5 | .9 | .9 | .1 | .4 | | .3 | .1 | | | | | | | | 43 | 43 | 24 | 17 | | |
| 58 / 57 | .5 | 3.3 | 1.1 | 1.1 | .4 | .3 | | .4 | | | | | | | | | | 53 | 53 | 27 | 29 | | |
| 56 / 55 | .5 | 3.1 | 1.5 | 1.3 | .7 | .5 | .4 | .4 | .1 | | | | | | | | | 64 | 64 | 39 | 40 | | |
| 54 / 53 | .7 | 3.2 | 1.7 | 1.6 | .7 | .7 | 1.6 | | | | | | | | | | | 76 | 76 | 55 | 33 | | |
| 52 / 51 | | 1.3 | 1.2 | 2.1 | 1.3 | 1.2 | .9 | .3 | | | | | | | | | | 63 | 63 | 39 | 35 | | |
| 50 / 49 | | 1.7 | 2.5 | 2.1 | 2.1 | .8 | .4 | | | | | | | | | | | 73 | 73 | 46 | 25 | | |
| 48 / 47 | .1 | .9 | 1.1 | 1.9 | 2.4 | .5 | .8 | | | | | | | | | | | 58 | 58 | 52 | 37 | | |
| 46 / 45 | .4 | 1.1 | 1.9 | 2.8 | 2.3 | .5 | .3 | | | | | | | | | | | 69 | 69 | 52 | 38 | | |
| 44 / 43 | | 2.0 | .7 | 2.0 | 2.0 | 1.1 | | | | | | | | | | | | 58 | 58 | 64 | 26 | | |
| 42 / 41 | | .9 | 2.1 | 2.1 | .4 | .4 | | | | | | | | | | | | 45 | 45 | 78 | 35 | | |
| 40 / 39 | .3 | .8 | .5 | 1.2 | | | | | | | | | | | | | | 21 | 21 | 63 | 49 | | |
| 38 / 37 | | .7 | .9 | .8 | .3 | | | | | | | | | | | | | 20 | 20 | 70 | 32 | | |
| 36 / 35 | | .4 | .7 | 1.1 | .1 | | | | | | | | | | | | | 17 | 17 | 38 | 41 | | |
| 34 / 33 | | .3 | .5 | .4 | .3 | | | | | | | | | | | | | 11 | 11 | 29 | 27 | | |
| 32 / 31 | | .1 | .3 | .4 | | | | | | | | | | | | | | 6 | 6 | 15 | 66 | | |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | 16 | 42 | | |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | 5 | 36 | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | 3 | 37 | | |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | 21 | | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | 18 | | |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | 22 | | |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | 11 | | |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 14 / 13 | | | | | | | | | | | | | | | | | | | | | 8 | | |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | 3.9 | 23.7 | 19.1 | 24.0 | 15.0 | 6.4 | 5.1 | 1.2 | .7 | .8 | .1 | | | | | | | 747 | 747 | 747 | 747 | | |
| | | | | | | | | | | | | | | | | | | 747 | | 747 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX' | | ΣX | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | 3695887 | | 50439 | | 67.5 | | 9.721 | | 747 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total |
| Dry Bulb | 1942639 | | 37633 | | 50.4 | | 7.912 | | 747 | | | | .7 | | 2.5 | | | | | | | | 93 |
| Wet Bulb | 1585116 | | 33824 | | 45.3 | | 8.474 | | 747 | | | | 4.9 | | .1 | | | | | | | | 93 |
| Dew Point | 1243514 | | 29094 | | 38.9 | | 12.163 | | 747 | | | | 33.5 | | | | | | | | | | 93 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

| | |
|---------------|------------------------|
| <u>722615</u> | <u>LAUGHLIN AFB TX</u> |
| STATION | STATION NAME |

69-70, 73-80

YEARS

DEC

MONTH

PAGE 1

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|----------|-----------|------------------------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | .0 | .0 | 4 | 4 | | | | | |
| 84/ 83 | | | | | | | | | | | | | .0 | .0 | .0 | .0 | | 5 | 5 | | | | | |
| 82/ 81 | | | | | | | | | | | .0 | .1 | .1 | .0 | .0 | | | 13 | 13 | | | | | |
| 80/ 79 | | | | | | | | | | .0 | .0 | .0 | .0 | .1 | .0 | | | 14 | 14 | | | | | |
| 78/ 77 | | | | | | .0 | .1 | | .1 | | .1 | .0 | .0 | .0 | | | | 26 | 26 | | | | | |
| 76/ 75 | | | | | | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | | | | 57 | 57 | | | | | |
| 74/ 73 | | | | .0 | .1 | .3 | .2 | .1 | .1 | .2 | .1 | .1 | .0 | .0 | | | | 81 | 81 | | | | | |
| 72/ 71 | | | | .1 | .2 | .2 | .2 | .1 | .2 | .2 | .2 | .0 | .0 | | | | | 88 | 88 | | | | | |
| 70/ 69 | | .1 | .3 | .4 | .2 | .4 | .1 | .1 | .3 | .3 | .2 | .2 | .0 | | | | | 158 | 158 | 1 | | | | |
| 68/ 67 | .0 | .2 | .7 | .3 | .4 | .3 | .3 | .2 | .3 | .3 | .2 | .1 | .0 | | | | | 200 | 200 | 13 | | | | |
| 66/ 65 | .1 | .5 | .5 | .4 | .3 | .3 | .3 | .3 | .4 | .4 | .4 | | | | | | | 245 | 245 | 105 | | | | |
| 64/ 63 | .2 | .8 | .6 | .3 | .4 | .3 | .5 | .4 | .7 | .4 | .2 | | | | | | | 294 | 294 | 145 | | | | |
| 62/ 61 | .3 | 1.1 | .4 | .4 | .4 | .5 | .5 | .5 | .4 | .4 | | | | | | | | 310 | 310 | 162 | | | | |
| 60/ 59 | .4 | 1.4 | 1.0 | .5 | .5 | .4 | .6 | .7 | .7 | .3 | .0 | | | | | | | 411 | 411 | 251 | | | | |
| 58/ 57 | .7 | 1.9 | .9 | .5 | .6 | .6 | .7 | .7 | .3 | .1 | | | | | | | | 428 | 428 | 296 | | | | |
| 56/ 55 | .5 | 1.8 | .7 | .7 | .8 | .9 | .9 | .6 | .3 | .1 | | | | | | | | 451 | 451 | 361 | | | | |
| 54/ 53 | .6 | 1.4 | .7 | .9 | .7 | 1.0 | .9 | .3 | .1 | | | | | | | | | 408 | 408 | 369 | | | | |
| 52/ 51 | .3 | .9 | .9 | 1.0 | 1.1 | 1.0 | .7 | .2 | .0 | | | | | | | | | 372 | 372 | 323 | | | | |
| 50/ 49 | .3 | 1.7 | 1.4 | 1.2 | 1.1 | .7 | .6 | .1 | | | | | | | | | | 446 | 446 | 358 | | | | |
| 48/ 47 | .2 | 1.1 | 1.4 | 1.2 | 1.3 | .7 | .2 | .1 | | | | | | | | | | 390 | 390 | 503 | | | | |
| 46/ 45 | .3 | 1.5 | 1.4 | 1.7 | .9 | .5 | .3 | .0 | | | | | | | | | | 415 | 415 | 528 | | | | |
| 44/ 43 | .1 | 1.1 | 1.1 | 1.2 | .7 | .6 | .2 | .0 | | | | | | | | | | 316 | 316 | 559 | | | | |
| 42/ 41 | .0 | 1.1 | 1.1 | 1.2 | .7 | .3 | .0 | | | | | | | | | | | 283 | 283 | 497 | | | | |
| 40/ 39 | .3 | .9 | 1.4 | .7 | .3 | .1 | .0 | | | | | | | | | | | 242 | 242 | 429 | | | | |
| 38/ 37 | .1 | 1.0 | 1.0 | .6 | .4 | .1 | | | | | | | | | | | | 195 | 195 | 357 | | | | |
| 36/ 35 | .2 | .7 | .9 | .7 | .2 | .0 | | | | | | | | | | | | 166 | 166 | 325 | | | | |
| 34/ 33 | .0 | .5 | .5 | .3 | .2 | .0 | | | | | | | | | | | | 99 | 99 | 245 | | | | |
| 32/ 31 | | .4 | .5 | .3 | .1 | | | | | | | | | | | | | 77 | 77 | 162 | | | | |
| 30/ 29 | .0 | .5 | .2 | .0 | | | | | | | | | | | | | | 50 | 50 | 134 | | | | |
| 28/ 27 | | .2 | .1 | .0 | .0 | | | | | | | | | | | | | 27 | 27 | 86 | | | | |
| 26/ 25 | | .0 | .0 | .0 | | | | | | | | | | | | | | 3 | 3 | 52 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 12 | | | | |
| Element (X) | Σ X² | | | | Σ X | | | | Σ | | | | Σ² | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

722615 LAUGH IN AFB TX
STATION STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 2

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JAN 79)

PSYCHROMETRIC SUMMARY

ALL MONTH

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722615 LAUGHLIN AFB TX

69-70, 73-81

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|-----------|-----------|--------------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS IL ST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | |
| 0-02 | MEAN | 43.5 | 48.5 | 57.0 | 64.4 | 70.4 | 76.9 | 80.1 | 79.5 | 74.7 | 63.3 | 52.7 | 47.0 | 63.3 | | | | | | | | | | | |
| | S D | 8.208 | 8.946 | 8.364 | 6.747 | 6.009 | 6.112 | 5.230 | 3.863 | 5.704 | 8.552 | 9.816 | 8.631 | 14.670 | | | | | | | | | | | |
| | TOTAL OBS | 622 | 607 | 713 | 683 | 655 | 638 | 665 | 669 | 547 | 577 | 601 | 620 | 7597 | | | | | | | | | | | |
| 3-05 | MEAN | 41.7 | 46.3 | 54.3 | 61.7 | 68.1 | 74.1 | 77.0 | 76.5 | 71.9 | 61.4 | 51.0 | 45.3 | 61.4 | | | | | | | | | | | |
| | S D | 8.355 | 9.090 | 8.796 | 7.270 | 6.136 | 5.695 | 4.099 | 3.234 | 5.879 | 8.545 | 10.474 | 9.188 | 14.270 | | | | | | | | | | | |
| | TOTAL OBS | 620 | 609 | 724 | 696 | 702 | 687 | 704 | 704 | 641 | 660 | 576 | 593 | 7916 | | | | | | | | | | | |
| 06-08 | MEAN | 41.2 | 45.0 | 53.5 | 61.7 | 68.4 | 74.1 | 76.5 | 76.0 | 71.3 | 61.4 | 50.5 | 44.7 | 60.5 | | | | | | | | | | | |
| | S D | 9.173 | 9.228 | 8.850 | 7.485 | 6.051 | 4.956 | 3.660 | 3.364 | 6.081 | 8.456 | 10.417 | 9.398 | 14.586 | | | | | | | | | | | |
| | TOTAL OBS | 878 | 810 | 900 | 870 | 884 | 853 | 881 | 887 | 845 | 872 | 840 | 832 | 10352 | | | | | | | | | | | |
| 9-11 | MEAN | 46.8 | 51.9 | 61.1 | 68.9 | 74.8 | 80.8 | 83.2 | 83.4 | 78.6 | 69.5 | 58.2 | 51.6 | 67.6 | | | | | | | | | | | |
| | S D | 9.068 | 9.176 | 8.395 | 6.514 | 5.732 | 5.188 | 5.369 | 4.260 | 6.427 | 7.468 | 9.215 | 8.038 | 14.540 | | | | | | | | | | | |
| | TOTAL OBS | 907 | 835 | 925 | 895 | 915 | 891 | 916 | 924 | 884 | 909 | 867 | 880 | 10748 | | | | | | | | | | | |
| 12-14 | MEAN | 54.1 | 59.8 | 68.9 | 75.8 | 81.4 | 87.7 | 90.3 | 90.8 | 85.2 | 76.4 | 65.4 | 59.4 | 74.7 | | | | | | | | | | | |
| | S D | 10.620 | 10.875 | 9.351 | 7.413 | 6.839 | 6.216 | 6.610 | 4.821 | 7.329 | 8.406 | 10.153 | 8.818 | 14.887 | | | | | | | | | | | |
| | TOTAL OBS | 924 | 843 | 930 | 900 | 924 | 900 | 924 | 930 | 894 | 918 | 891 | 903 | 10881 | | | | | | | | | | | |
| 15-17 | MEAN | 57.5 | 63.9 | 72.8 | 79.5 | 84.6 | 91.1 | 93.5 | 94.0 | 87.5 | 78.5 | 68.1 | 62.6 | 77.9 | | | | | | | | | | | |
| | S D | 11.508 | 11.972 | 9.530 | 7.825 | 7.468 | 6.744 | 7.081 | 5.079 | 7.889 | 8.689 | 10.737 | 9.353 | 15.077 | | | | | | | | | | | |
| | TOTAL OBS | 920 | 839 | 926 | 895 | 912 | 886 | 912 | 917 | 879 | 909 | 891 | 894 | 10780 | | | | | | | | | | | |
| 18-20 | MEAN | 51.7 | 59.0 | 67.8 | 75.4 | 80.5 | 87.8 | 90.4 | 90.2 | 83.3 | 72.5 | 60.9 | 55.9 | 73.2 | | | | | | | | | | | |
| | S D | 9.840 | 10.937 | 8.957 | 7.741 | 7.107 | 7.213 | 7.359 | 5.796 | 7.349 | 8.364 | 9.741 | 7.973 | 15.599 | | | | | | | | | | | |
| | TOTAL OBS | 807 | 752 | 843 | 809 | 810 | 817 | 859 | 859 | 815 | 845 | 820 | 809 | 9845 | | | | | | | | | | | |
| 21-23 | MEAN | 46.0 | 52.3 | 60.5 | 68.3 | 73.9 | 80.8 | 84.0 | 83.7 | 77.6 | 66.7 | 55.0 | 50.4 | 66.8 | | | | | | | | | | | |
| | S D | 8.432 | 8.848 | 7.928 | 6.932 | 6.300 | 6.557 | 6.176 | 4.557 | 6.329 | 8.181 | 9.420 | 7.912 | 14.923 | | | | | | | | | | | |
| | TOTAL OBS | 754 | 728 | 837 | 799 | 767 | 762 | 805 | 795 | 752 | 783 | 743 | 747 | 9272 | | | | | | | | | | | |
| ALL HOURS | MEAN | 48.3 | 53.8 | 62.4 | 69.8 | 75.7 | 82.1 | 84.8 | 84.7 | 79.3 | 69.3 | 58.4 | 52.7 | 68.6 | | | | | | | | | | | |
| | S D | 11.159 | 11.939 | 11.085 | 9.667 | 8.793 | 8.700 | 8.457 | 7.832 | 8.866 | 10.409 | 11.806 | 10.710 | 16.047 | | | | | | | | | | | |
| | TOTAL OBS | 6432 | 6023 | 6798 | 6547 | 6569 | 6434 | 6666 | 6685 | 6257 | 6473 | 6229 | 6278 | 77391 | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722615

LAUGHLIN AFB TX

69-70,73-81

| STATION | | STATION NAME | | | | | YEARS | | | | | | | | | | | |
|-----------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--|--|--|--|
| HRS (LST) | | JAN | FEB | MAR | APR. | MAY | JUN. | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | |
| 0-02 | MEAN | 39.4 | 43.7 | 50.1 | 58.2 | 65.0 | 69.6 | 71.2 | 70.9 | 67.3 | 56.8 | 47.9 | 43.0 | 57.0 | | | | |
| | S D | 7.908 | 8.976 | 8.832 | 8.099 | 5.578 | 3.953 | 2.346 | 2.282 | 5.518 | 8.118 | 9.912 | 9.124 | 13.379 | | | | |
| | TOTAL OBS | 622 | 604 | 713 | 683 | 655 | 638 | 665 | 669 | 544 | 577 | 601 | 620 | 7591 | | | | |
| 03-05 | MEAN | 38.4 | 42.6 | 48.9 | 57.2 | 63.9 | 68.9 | 70.7 | 70.3 | 66.7 | 56.6 | 46.9 | 41.9 | 56.7 | | | | |
| | S D | 8.262 | 9.502 | 9.399 | 8.763 | 6.062 | 4.483 | 2.515 | 2.340 | 5.936 | 8.750 | 10.601 | 9.685 | 13.688 | | | | |
| | TOTAL OBS | 620 | 606 | 724 | 696 | 702 | 687 | 704 | 704 | 638 | 660 | 576 | 593 | 7910 | | | | |
| 6-08 | MEAN | 38.3 | 41.8 | 49.0 | 57.1 | 64.1 | 69.0 | 70.8 | 70.4 | 66.8 | 57.4 | 46.9 | 41.6 | 56.2 | | | | |
| | S D | 9.150 | 9.801 | 9.661 | 9.004 | 6.262 | 4.362 | 2.398 | 2.412 | 6.150 | 9.019 | 10.830 | 10.101 | 14.086 | | | | |
| | TOTAL OBS | 878 | 807 | 900 | 870 | 884 | 853 | 881 | 887 | 842 | 872 | 840 | 832 | 10346 | | | | |
| 9-11 | MEAN | 42.0 | 45.9 | 53.1 | 60.6 | 66.9 | 71.5 | 73.2 | 73.3 | 69.8 | 61.6 | 51.6 | 45.9 | 50.8 | | | | |
| | S D | 8.546 | 8.833 | 8.536 | 7.462 | 5.414 | 3.620 | 2.093 | 1.874 | 5.323 | 7.578 | 9.684 | 8.601 | 13.050 | | | | |
| | TOTAL OBS | 907 | 833 | 925 | 895 | 915 | 891 | 916 | 924 | 881 | 909 | 867 | 880 | 10743 | | | | |
| 12-14 | MEAN | 45.8 | 49.5 | 55.9 | 62.7 | 68.8 | 73.1 | 74.2 | 74.1 | 71.0 | 63.6 | 54.7 | 49.6 | 62.0 | | | | |
| | S D | 8.545 | 8.289 | 7.888 | 7.020 | 5.270 | 3.686 | 2.152 | 2.081 | 4.996 | 7.191 | 9.239 | 8.082 | 12.042 | | | | |
| | TOTAL OBS | 924 | 843 | 930 | 900 | 923 | 900 | 924 | 930 | 893 | 918 | 891 | 903 | 10879 | | | | |
| 15-17 | MEAN | 47.3 | 50.9 | 56.9 | 63.4 | 69.0 | 73.1 | 73.8 | 73.6 | 70.7 | 63.7 | 55.4 | 50.7 | 62.4 | | | | |
| | S D | 8.525 | 8.019 | 7.456 | 6.685 | 5.259 | 3.597 | 2.003 | 2.091 | 4.692 | 6.822 | 8.962 | 7.947 | 11.386 | | | | |
| | TOTAL OBS | 920 | 839 | 926 | 895 | 912 | 886 | 912 | 917 | 879 | 909 | 891 | 894 | 10780 | | | | |
| 18-20 | MEAN | 44.2 | 49.0 | 54.4 | 62.0 | 67.7 | 71.6 | 72.4 | 72.2 | 69.4 | 61.2 | 52.1 | 47.9 | 60.5 | | | | |
| | S D | 8.166 | 8.168 | 7.452 | 6.951 | 5.355 | 3.495 | 2.099 | 2.079 | 4.716 | 7.127 | 9.073 | 7.987 | 11.882 | | | | |
| | TOTAL OBS | 807 | 749 | 843 | 809 | 810 | 817 | 859 | 859 | 815 | 844 | 820 | 809 | 9841 | | | | |
| 21-23 | MEAN | 41.1 | 45.9 | 51.5 | 59.6 | 66.0 | 70.0 | 71.0 | 71.1 | 68.0 | 58.6 | 49.0 | 45.3 | 58.2 | | | | |
| | S D | 7.855 | 8.270 | 7.959 | 7.799 | 5.641 | 3.758 | 2.183 | 2.221 | 5.142 | 7.836 | 9.426 | 8.474 | 12.614 | | | | |
| | TOTAL OBS | 754 | 725 | 837 | 799 | 767 | 762 | 805 | 794 | 751 | 783 | 743 | 747 | 9267 | | | | |
| ALL HOURS | MEAN | 42.4 | 46.4 | 52.7 | 60.2 | 66.6 | 71.0 | 72.3 | 72.1 | 68.9 | 60.2 | 50.9 | 46.1 | 59.3 | | | | |
| | S D | 9.004 | 9.282 | 8.888 | 8.058 | 5.909 | 4.193 | 2.599 | 2.591 | 5.544 | 8.246 | 10.190 | 9.310 | 12.945 | | | | |
| | TOTAL OBS | 6432 | 6006 | 6798 | 6547 | 6568 | 6434 | 6666 | 6684 | 6243 | 6472 | 6229 | 6278 | 77357 | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722615 LAUGHLIN AFB TX

69-70,73-81

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|-----------|-----------|--------------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | |
| 0-02 | MEAN | 33.8 | 37.3 | 42.3 | 52.4 | 61.6 | 65.8 | 66.6 | 66.5 | 62.9 | 51.5 | 42.7 | 37.6 | 51.8 | | | | | | | | | | | |
| | S D | 10.444 | 12.789 | 13.670 | 13.251 | 7.075 | 4.877 | 4.572 | 3.311 | 7.415 | 10.488 | 12.599 | 12.208 | 15.751 | | | | | | | | | | | |
| | TOTAL OBS | 622 | 604 | 713 | 683 | 655 | 638 | 665 | 669 | 544 | 577 | 601 | 620 | 7591 | | | | | | | | | | | |
| 3-35 | MEAN | 33.6 | 37.5 | 42.7 | 53.0 | 61.3 | 66.1 | 67.4 | 67.2 | 63.7 | 52.5 | 42.3 | 37.3 | 52.6 | | | | | | | | | | | |
| | S D | 10.561 | 12.920 | 13.752 | 12.908 | 7.340 | 5.385 | 4.323 | 3.027 | 7.207 | 11.072 | 13.186 | 12.494 | 15.907 | | | | | | | | | | | |
| | TOTAL OBS | 620 | 606 | 724 | 696 | 702 | 687 | 704 | 704 | 638 | 660 | 576 | 593 | 7910 | | | | | | | | | | | |
| 6-08 | MEAN | 34.1 | 37.1 | 43.8 | 52.8 | 61.2 | 66.2 | 67.9 | 67.7 | 64.1 | 54.0 | 42.7 | 37.3 | 52.5 | | | | | | | | | | | |
| | S D | 11.324 | 13.046 | 13.347 | 12.959 | 7.804 | 5.890 | 3.814 | 2.914 | 7.165 | 11.145 | 13.613 | 13.000 | 16.135 | | | | | | | | | | | |
| | TOTAL OBS | 878 | 807 | 900 | 870 | 884 | 853 | 881 | 887 | 842 | 872 | 840 | 832 | 10346 | | | | | | | | | | | |
| 9-11 | MEAN | 35.5 | 38.6 | 44.9 | 53.6 | 62.0 | 66.9 | 68.5 | 68.6 | 65.1 | 55.6 | 44.6 | 38.8 | 53.7 | | | | | | | | | | | |
| | S D | 11.620 | 13.137 | 13.778 | 13.117 | 8.070 | 5.339 | 3.562 | 2.656 | 6.913 | 11.187 | 14.214 | 12.911 | 15.992 | | | | | | | | | | | |
| | TOTAL OBS | 907 | 833 | 925 | 895 | 915 | 891 | 916 | 924 | 881 | 909 | 867 | 880 | 10743 | | | | | | | | | | | |
| 12-14 | MEAN | 36.0 | 38.0 | 43.6 | 52.4 | 61.4 | 66.1 | 66.7 | 66.4 | 63.6 | 54.5 | 44.4 | 38.7 | 52.8 | | | | | | | | | | | |
| | S D | 12.003 | 13.155 | 13.866 | 13.668 | 8.808 | 5.876 | 4.355 | 3.687 | 7.088 | 11.540 | 14.462 | 13.477 | 15.828 | | | | | | | | | | | |
| | TOTAL OBS | 924 | 843 | 930 | 900 | 923 | 900 | 924 | 930 | 893 | 918 | 891 | 903 | 10879 | | | | | | | | | | | |
| 15-17 | MEAN | 35.6 | 37.1 | 42.2 | 51.0 | 59.7 | 64.1 | 64.2 | 63.6 | 61.7 | 53.2 | 43.4 | 37.9 | 51.2 | | | | | | | | | | | |
| | S D | 11.993 | 12.829 | 13.648 | 13.844 | 9.764 | 6.482 | 5.026 | 4.277 | 7.272 | 11.204 | 14.155 | 13.455 | 15.437 | | | | | | | | | | | |
| | TOTAL OBS | 920 | 839 | 926 | 895 | 912 | 886 | 912 | 917 | 879 | 909 | 891 | 894 | 10780 | | | | | | | | | | | |
| 18-20 | MEAN | 35.0 | 37.8 | 41.2 | 51.4 | 59.7 | 63.3 | 63.3 | 63.1 | 61.6 | 52.6 | 43.2 | 38.4 | 51.1 | | | | | | | | | | | |
| | S D | 11.492 | 12.736 | 13.503 | 13.540 | 9.694 | 6.198 | 5.440 | 4.389 | 7.289 | 10.905 | 13.186 | 12.884 | 15.042 | | | | | | | | | | | |
| | TOTAL OBS | 807 | 749 | 843 | 809 | 810 | 817 | 859 | 859 | 815 | 844 | 820 | 809 | 9841 | | | | | | | | | | | |
| 21-23 | MEAN | 34.5 | 38.1 | 41.8 | 52.0 | 61.0 | 64.3 | 64.2 | 64.5 | 62.5 | 52.1 | 42.6 | 38.9 | 51.5 | | | | | | | | | | | |
| | S D | 10.754 | 12.561 | 13.218 | 13.593 | 8.091 | 5.671 | 5.382 | 3.994 | 7.097 | 10.844 | 12.641 | 12.163 | 15.127 | | | | | | | | | | | |
| | TOTAL OBS | 754 | 725 | 837 | 799 | 767 | 762 | 805 | 794 | 751 | 783 | 743 | 747 | 9261 | | | | | | | | | | | |
| ALL HOURS | MEAN | 34.8 | 37.7 | 42.8 | 52.3 | 61.0 | 65.3 | 66.1 | 65.9 | 63.2 | 53.4 | 43.3 | 38.2 | 52.2 | | | | | | | | | | | |
| | S D | 11.392 | 12.911 | 13.642 | 13.394 | 8.484 | 5.895 | 4.952 | 4.062 | 7.261 | 11.151 | 13.619 | 12.897 | 15.682 | | | | | | | | | | | |
| | TOTAL OBS | 6432 | 6006 | 6798 | 6547 | 6568 | 6434 | 6666 | 6684 | 6243 | 6472 | 6229 | 6278 | 77357 | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722615

LAUGHLIN AFB TX

70,73-81

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | 100.0 | 100.0 | 99.2 | 93.6 | 84.1 | 70.1 | 50.2 | 31.2 | 15.6 | 70.7 | 622 |
| | 03-05 | 100.0 | 100.0 | 99.8 | 96.6 | 90.6 | 80.5 | 59.5 | 37.9 | 20.3 | 74.6 | 620 |
| | 06-08 | 100.0 | 100.0 | 99.7 | 97.2 | 92.0 | 83.3 | 67.2 | 46.6 | 27.2 | 77.2 | 678 |
| | 09-11 | 100.0 | 99.9 | 96.1 | 87.5 | 76.1 | 63.7 | 48.3 | 31.1 | 19.0 | 68.0 | 907 |
| | 12-14 | 100.0 | 97.2 | 82.3 | 66.0 | 54.3 | 39.6 | 26.6 | 16.8 | 8.9 | 55.0 | 924 |
| | 15-17 | 100.0 | 93.2 | 73.2 | 57.1 | 42.8 | 29.1 | 19.6 | 10.2 | 5.8 | 45.7 | 920 |
| | 18-20 | 100.0 | 98.5 | 86.9 | 72.5 | 58.5 | 44.1 | 30.2 | 16.5 | 7.3 | 57.2 | 807 |
| | 21-23 | 100.0 | 100.0 | 97.7 | 88.2 | 74.5 | 61.4 | 44.6 | 29.6 | 14.9 | 66.9 | 754 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.6 | 91.9 | 82.6 | 71.6 | 59.0 | 43.3 | 27.5 | 15.3 | 64.8 | 6432 |

USAFETAC

FORM
JAN 64

0-87-5 (OL A)

RELATIVE HUMIDITY

FEE

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 98.8 | 93.7 | 87.6 | 79.8 | 67.1 | 50.2 | 32.6 | 15.9 | 62.4 | 604 |
| | 03-05 | 100.0 | 99.5 | 97.2 | 92.4 | 84.7 | 76.1 | 62.5 | 44.4 | 23.4 | 77.7 | 606 |
| | 06-08 | 100.0 | 100.0 | 98.5 | 93.8 | 86.7 | 78.2 | 67.9 | 50.2 | 26.6 | 75.9 | 307 |
| | 09-11 | 100.0 | 97.5 | 90.2 | 81.0 | 71.7 | 56.7 | 44.7 | 32.2 | 16.2 | 64.9 | 533 |
| | 12-14 | 99.9 | 88.5 | 74.1 | 60.6 | 46.5 | 34.2 | 22.8 | 13.8 | 5.8 | 50.3 | 843 |
| | 15-17 | 99.8 | 80.5 | 62.1 | 49.2 | 34.0 | 23.6 | 16.2 | 9.9 | 4.2 | 43.4 | 539 |
| | 18-20 | 100.0 | 90.3 | 77.3 | 62.6 | 48.7 | 35.6 | 23.6 | 14.6 | 6.1 | 51.3 | 749 |
| | 21-23 | 100.0 | 97.2 | 89.5 | 81.1 | 69.7 | 53.9 | 40.3 | 24.1 | 9.7 | 62.4 | 725 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 94.0 | 85.3 | 76.0 | 65.2 | 53.5 | 41.0 | 27.7 | 13.5 | 61.3 | 6006 |

FORM
151-104

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722-15 LAUGHLIN AFB TX

75,73-81

MAR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 100.0 | 96.9 | 89.9 | 82.5 | 68.9 | 52.9 | 37.4 | 22.9 | 7.6 | 61.8 | 713 |
| | 03-05 | 100.0 | 97.2 | 93.8 | 87.2 | 78.9 | 65.6 | 51.5 | 36.6 | 14.9 | 66.5 | 724 |
| | 06-08 | 100.0 | 99.2 | 96.2 | 90.6 | 84.6 | 74.0 | 60.2 | 43.0 | 17.4 | 72.4 | 900 |
| | 09-11 | 100.0 | 95.6 | 87.0 | 75.0 | 62.9 | 51.1 | 37.0 | 23.7 | 7.7 | 59.8 | 925 |
| | 12-14 | 99.8 | 85.7 | 68.5 | 52.8 | 38.4 | 25.6 | 16.0 | 8.4 | 2.7 | 45.3 | 933 |
| | 15-17 | 99.0 | 75.9 | 57.6 | 39.5 | 24.1 | 15.7 | 9.2 | 4.0 | 1.2 | 36.1 | 926 |
| | 18-20 | 100.0 | 83.2 | 65.6 | 47.7 | 32.9 | 21.0 | 13.3 | 6.3 | 1.9 | 42.8 | 943 |
| | 21-23 | 100.0 | 95.9 | 84.2 | 70.8 | 53.9 | 39.2 | 24.0 | 12.3 | 3.1 | 54.0 | 637 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 91.2 | 80.4 | 68.3 | 55.6 | 43.1 | 31.1 | 19.7 | 7.1 | 55.3 | 6798 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722815

LAUGHLIN AFB TX

70,73-61

APR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|------|------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 99.7 | 97.8 | 91.7 | 84.6 | 76.7 | 68.7 | 56.4 | 42.0 | 14.1 | 64.0 | 683 |
| | 03-05 | 100.0 | 99.0 | 96.1 | 90.1 | 85.6 | 77.2 | 68.1 | 57.3 | 25.4 | 76.0 | 696 |
| | 06-08 | 100.0 | 99.3 | 96.9 | 91.5 | 83.4 | 76.6 | 69.1 | 53.6 | 21.7 | 75.2 | 670 |
| | 09-11 | 99.9 | 95.8 | 87.5 | 78.2 | 69.3 | 60.3 | 45.4 | 27.3 | 7.3 | 62.8 | 895 |
| | 12-14 | 99.2 | 88.0 | 73.6 | 61.4 | 50.1 | 36.2 | 20.4 | 5.2 | 2.1 | 49.4 | 900 |
| | 15-17 | 97.9 | 80.3 | 66.0 | 51.7 | 34.1 | 20.0 | 11.4 | 5.4 | 1.5 | 42.4 | 895 |
| | 18-20 | 99.6 | 86.0 | 73.7 | 61.6 | 45.1 | 31.3 | 20.0 | 10.4 | 1.7 | 46.5 | 809 |
| | 21-23 | 100.0 | 95.4 | 87.4 | 76.2 | 66.0 | 54.7 | 40.7 | 24.2 | 5.5 | 60.5 | 799 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 79.5 | 92.7 | 84.1 | 74.4 | 63.8 | 53.1 | 41.4 | 26.6 | 9.9 | 60.5 | 6547 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

442

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 99.8 | 92.1 | 81.2 | 63.1 | 44.6 | 9.6 | 74.7 | 655 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.6 | 97.0 | 89.2 | 79.5 | 58.0 | 14.8 | 79.7 | 702 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.3 | 96.4 | 87.3 | 75.0 | 53.6 | 13.9 | 78.8 | 884 |
| | 09-11 | 100.0 | 99.9 | 97.8 | 92.2 | 80.5 | 63.7 | 47.2 | 23.6 | 5.6 | 66.6 | 915 |
| | 12-14 | 100.0 | 97.7 | 89.2 | 76.7 | 56.3 | 33.2 | 16.6 | 7.0 | 1.3 | 53.5 | 921 |
| | 15-17 | 99.9 | 92.9 | 78.3 | 58.6 | 39.5 | 22.6 | 13.7 | 4.6 | .3 | 46.7 | 913 |
| | 18-20 | 100.0 | 96.4 | 84.6 | 70.7 | 52.7 | 37.5 | 22.8 | 6.6 | .7 | 52.8 | 613 |
| | 21-23 | 100.0 | 100.0 | 98.7 | 92.7 | 78.2 | 59.5 | 45.9 | 27.0 | 4.6 | 66.0 | 767 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.4 | 93.6 | 86.2 | 74.1 | 59.3 | 45.6 | 29.0 | 6.4 | 64.9 | 5568 |

RELATIVE HUMIDITY

٢٢٢

MONTH

| MONTH | HOURS (L.S.T) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|------------------|--|-------|------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 99.5 | 95.6 | 89.7 | 76.1 | 51.1 | 28.2 | 6.0 | 70.3 | 634 |
| | 03-05 | 100.0 | 99.9 | 99.9 | 93.5 | 95.2 | 89.1 | 78.9 | 44.5 | 10.6 | 77.3 | 697 |
| | 06-08 | 100.0 | 99.6 | 98.6 | 99.3 | 95.8 | 82.0 | 77.8 | 44.7 | 11.3 | 77.2 | 553 |
| | 09-11 | 100.0 | 99.9 | 99.8 | 95.5 | 82.8 | 59.1 | 33.7 | 12.0 | 3.1 | 54.2 | 691 |
| | 12-14 | 100.0 | 99.3 | 94.0 | 74.9 | 45.4 | 21.7 | 8.7 | 3.7 | 1.1 | 51.5 | 900 |
| | 15-17 | 100.0 | 97.7 | 80.6 | 51.1 | 26.0 | 13.9 | 5.4 | 2.4 | .7 | 42.4 | 586 |
| | 18-20 | 100.0 | 98.4 | 84.7 | 59.4 | 33.8 | 17.4 | 10.2 | 5.3 | .4 | 46.0 | 517 |
| | 21-23 | 100.0 | 100.0 | 96.2 | 87.7 | 70.1 | 44.9 | 24.8 | 12.1 | 3.0 | 59.5 | 762 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.4 | 94.3 | 82.8 | 67.4 | 51.3 | 36.3 | 18.9 | 4.6 | 61.1 | 6434 |

RELATIVE HUMIDITY

ما

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 0-02 | 100.0 | 100.0 | 97.4 | 91.3 | 81.4 | 61.1 | 42.4 | 22.4 | 4.8 | 55.6 | 665 |
| | 03-05 | 100.0 | 100.0 | 99.6 | 95.9 | 91.5 | 82.8 | 64.6 | 39.9 | 8.0 | 73.9 | 704 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 98.5 | 94.9 | 87.7 | 72.6 | 44.2 | 8.5 | 76.0 | 681 |
| | 09-11 | 100.0 | 100.0 | 98.9 | 93.0 | 79.0 | 55.6 | 31.0 | 12.8 | 2.3 | 62.3 | 916 |
| | 12-14 | 100.0 | 99.6 | 88.4 | 64.5 | 39.4 | 17.9 | 8.3 | 4.3 | 1.7 | 40.1 | 924 |
| | 15-17 | 100.0 | 97.1 | 67.8 | 42.8 | 20.7 | 10.5 | 7.0 | 3.9 | 1.5 | 40.7 | 912 |
| | 18-20 | 100.0 | 97.6 | 72.3 | 46.2 | 29.2 | 17.3 | 10.0 | 5.5 | 2.3 | 42.8 | 859 |
| | 21-23 | 100.0 | 99.5 | 92.0 | 72.4 | 52.3 | 35.5 | 24.7 | 11.3 | 2.4 | 54.6 | 105 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.0 | 89.6 | 75.6 | 61.1 | 46.1 | 32.7 | 16.0 | 4.3 | 58.2 | 6666 |

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70-15 LAUGHLIN AFB TX

70,73-81

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 01-02 | 00-01 | 100.0 | 100.0 | 100.0 | 98.5 | 92.7 | 62.2 | 32.6 | 12.0 | 1.0 | 65.2 | 669 |
| 03-05 | 00-01 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 90.8 | 65.2 | 25.6 | 1.0 | 73.4 | 704 |
| 06-08 | 00-01 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 93.6 | 76.3 | 33.4 | 2.4 | 75.8 | 887 |
| 09-11 | 00-01 | 100.0 | 100.0 | 100.0 | 97.7 | 85.6 | 51.8 | 19.4 | 3.3 | .6 | 61.7 | 924 |
| 12-14 | 00-01 | 100.0 | 99.9 | 96.1 | 65.3 | 26.1 | 9.5 | 3.2 | 1.2 | .3 | 45.6 | 930 |
| 15-17 | 00-01 | 100.0 | 99.2 | 76.1 | 28.5 | 10.9 | 5.1 | 2.1 | 1.3 | .3 | 37.8 | 917 |
| 18-20 | 00-01 | 100.0 | 99.8 | 84.1 | 42.0 | 22.6 | 11.6 | 5.4 | 1.6 | .3 | 42.3 | 655 |
| 21-23 | 00-01 | 100.0 | 100.0 | 99.7 | 64.0 | 55.0 | 27.1 | 13.4 | 3.3 | .3 | 53.9 | 794 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 94.5 | 77.1 | 61.3 | 44.0 | 27.2 | 10.3 | .8 | 57.0 | 6684 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722615 LAUGHLIN AFB TX

69-70, 73-80

SEP

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 01 | 00-01 | 100.0 | 100.0 | 100.0 | 97.6 | 86.4 | 67.6 | 48.0 | 22.2 | 3.5 | 68.1 | 544 |
| | 02-05 | 100.0 | 100.0 | 100.0 | 99.8 | 98.0 | 89.5 | 71.2 | 42.6 | 4.9 | 76.0 | 633 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 98.5 | 95.1 | 90.4 | 51.1 | 6.1 | 76.5 | 642 |
| | 09-11 | 100.0 | 100.0 | 99.2 | 95.1 | 85.2 | 62.9 | 35.4 | 10.6 | 2.5 | 64.6 | 881 |
| | 12-14 | 100.0 | 99.2 | 93.2 | 74.5 | 45.6 | 19.6 | 8.3 | 4.3 | .2 | 50.2 | 693 |
| | 15-17 | 100.0 | 97.8 | 80.5 | 55.1 | 27.9 | 13.8 | 8.6 | 3.2 | .5 | 44.4 | 579 |
| | 18-20 | 100.0 | 99.1 | 89.3 | 68.5 | 47.2 | 25.3 | 14.5 | 6.1 | .9 | 50.6 | 615 |
| | 21-23 | 100.0 | 100.0 | 99.5 | 90.0 | 72.7 | 52.5 | 31.4 | 12.0 | 2.0 | 61.0 | 751 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.5 | 95.2 | 85.1 | 70.2 | 53.3 | 37.2 | 19.0 | 2.6 | 61.7 | 6243 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7/20/15 LAUGHLIN AFB TX

69-70, 73-80

OCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 93.4 | 80.2 | 66.2 | 47.1 | 24.4 | 4.2 | 67.2 | 577 |
| | 03-05 | 100.0 | 99.0 | 99.2 | 96.5 | 88.9 | 81.0 | 62.9 | 43.6 | 10.0 | 74.1 | 660 |
| | 06-08 | 100.0 | 100.0 | 99.7 | 95.4 | 93.3 | 86.1 | 73.6 | 51.8 | 16.1 | 77.8 | 872 |
| | 09-11 | 100.0 | 99.0 | 94.6 | 86.6 | 75.2 | 59.4 | 40.3 | 23.0 | 4.7 | 64.5 | 909 |
| | 12-14 | 100.0 | 96.7 | 83.2 | 66.0 | 47.3 | 29.0 | 15.9 | 7.7 | 1.9 | 50.2 | 916 |
| | 15-17 | 100.0 | 94.9 | 75.7 | 54.5 | 32.7 | 19.6 | 9.9 | 5.3 | 1.7 | 44.9 | 909 |
| | 18-20 | 100.0 | 98.1 | 87.8 | 70.5 | 49.8 | 34.4 | 19.7 | 8.5 | 1.5 | 50.7 | 844 |
| | 21-23 | 100.0 | 100.0 | 97.3 | 86.0 | 71.4 | 52.4 | 33.5 | 16.1 | 2.8 | 61.6 | 703 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.7 | 98.6 | 92.2 | 81.5 | 67.4 | 53.4 | 37.9 | 22.6 | 5.4 | 61.6 | 6472 |

USAFETAC

FORM
JAN 64

0-87-5 (OL A)

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722615 LAUGHLIN AFB TX

69-70,73-80

NOV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 11 | 00-02 | 100.0 | 100.0 | 99.3 | 93.8 | 84.4 | 72.5 | 57.4 | 33.1 | 8.3 | 70.6 | 601 |
| | 03-05 | 100.0 | 99.5 | 98.6 | 96.0 | 88.2 | 78.6 | 64.4 | 40.8 | 13.0 | 73.9 | 575 |
| | 06-08 | 100.0 | 99.9 | 98.3 | 96.0 | 90.7 | 82.3 | 67.6 | 50.0 | 20.6 | 76.3 | 640 |
| | 09-11 | 100.0 | 98.7 | 93.5 | 81.8 | 69.8 | 56.3 | 43.4 | 30.6 | 9.6 | 64.0 | 367 |
| | 12-14 | 100.0 | 92.8 | 77.7 | 62.0 | 48.4 | 34.1 | 22.0 | 12.1 | 3.6 | 51.1 | 891 |
| | 15-17 | 100.0 | 97.9 | 72.4 | 53.4 | 35.9 | 22.3 | 14.7 | 7.5 | 2.4 | 45.4 | 891 |
| | 18-20 | 100.0 | 98.5 | 88.3 | 73.7 | 57.2 | 40.4 | 23.5 | 12.4 | 3.5 | 55.5 | 320 |
| | 21-23 | 100.0 | 100.0 | 97.4 | 89.0 | 77.5 | 61.4 | 43.3 | 20.7 | 5.9 | 65.1 | 743 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 97.2 | 90.7 | 80.7 | 69.0 | 56.0 | 42.3 | 26.3 | 8.4 | 60.7 | 6229 |

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722415

LAUGHLIN AFB TX

60-70, 73-80

DFC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DFC | 00-02 | 100.0 | 100.0 | 98.7 | 93.2 | 86.0 | 74.0 | 56.5 | 33.2 | 16.8 | 71.5 | 620 |
| | 03-05 | 100.0 | 100.0 | 99.2 | 94.9 | 88.5 | 79.9 | 65.5 | 42.2 | 21.6 | 75.3 | 193 |
| | 06-08 | 100.0 | 100.0 | 99.6 | 95.7 | 90.7 | 80.8 | 66.9 | 47.7 | 26.9 | 76.9 | 632 |
| | 09-11 | 100.0 | 99.2 | 94.7 | 83.5 | 69.3 | 56.9 | 43.1 | 29.3 | 17.3 | 65.2 | 380 |
| | 12-14 | 99.7 | 93.2 | 79.3 | 60.0 | 45.0 | 31.7 | 21.7 | 15.2 | 7.2 | 51.0 | 903 |
| | 15-17 | 99.6 | 88.6 | 66.6 | 49.4 | 35.7 | 22.1 | 15.7 | 9.7 | 2.0 | 44.8 | 894 |
| | 18-20 | 100.0 | 96.9 | 86.8 | 72.1 | 54.8 | 41.0 | 27.2 | 17.6 | 6.2 | 55.9 | 809 |
| | 21-23 | 100.0 | 99.5 | 96.0 | 89.2 | 79.4 | 63.2 | 43.9 | 30.1 | 13.9 | 67.5 | 747 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 97.2 | 90.1 | 79.8 | 68.7 | 56.2 | 42.6 | 28.1 | 14.0 | 63.5 | 5278 |

USAFETAC

FORM 0-87-5 (OL A)

0-87-5 (OL A)

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722415

LAUGHLIN AFB TX

69-70,73-P1

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|-----------------|--|------|------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 98.6 | 91.9 | 82.6 | 71.6 | 59.0 | 43.3 | 27.5 | 15.3 | 64.8 | 6432 |
| FEB | | 100.0 | 94.0 | 85.3 | 76.0 | 65.2 | 53.5 | 41.0 | 27.7 | 13.5 | 61.3 | 6006 |
| MAR | | 99.9 | 91.2 | 80.4 | 68.3 | 55.6 | 43.1 | 31.1 | 19.7 | 7.1 | 55.3 | 6798 |
| APR | | 99.5 | 92.7 | 84.1 | 74.4 | 63.8 | 53.1 | 41.4 | 28.6 | 9.9 | 60.5 | 6547 |
| MAY | | 100.0 | 98.4 | 93.6 | 86.2 | 74.1 | 59.3 | 45.6 | 29.0 | 6.4 | 64.9 | 6565 |
| JUN | | 100.0 | 99.4 | 94.3 | 82.8 | 67.4 | 51.3 | 36.3 | 18.9 | 4.6 | 61.1 | 6434 |
| JUL | | 100.0 | 99.3 | 89.6 | 75.6 | 61.1 | 46.1 | 32.7 | 18.0 | 4.0 | 58.2 | 6666 |
| AUG | | 100.0 | 99.9 | 94.5 | 77.1 | 61.3 | 44.0 | 27.2 | 10.3 | .8 | 57.0 | 6684 |
| SEP | | 100.0 | 99.5 | 95.2 | 85.1 | 70.2 | 53.3 | 37.2 | 19.0 | 2.6 | 61.7 | 6243 |
| OCT | | 100.0 | 98.6 | 92.2 | 81.5 | 67.4 | 53.4 | 37.9 | 22.6 | 5.4 | 61.6 | 6472 |
| NOV | | 100.0 | 97.2 | 90.7 | 80.7 | 69.0 | 56.0 | 42.3 | 26.3 | 8.4 | 62.7 | 6229 |
| DEC | | 99.9 | 97.2 | 90.1 | 79.8 | 68.7 | 56.2 | 42.6 | 26.1 | 14.0 | 63.5 | 6278 |
| TOTALS | | 99.9 | 97.2 | 90.2 | 79.2 | 66.3 | 52.4 | 38.2 | 23.0 | 7.7 | 61.1 | 77357 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

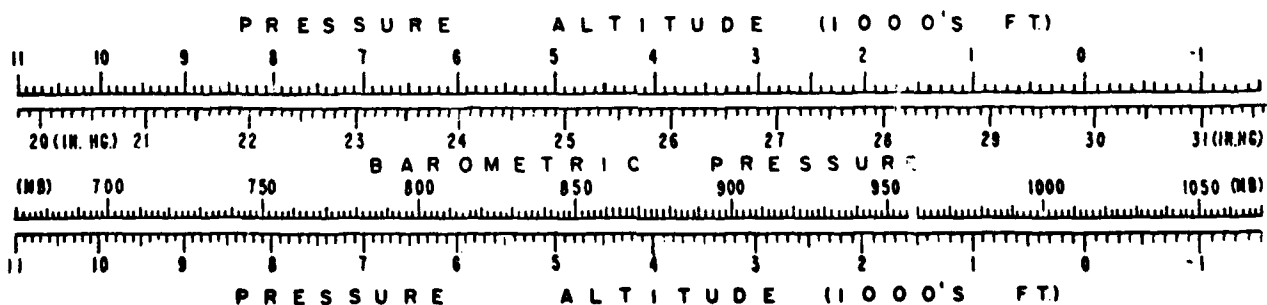
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

722515

LAUGHLIN AFB TX

69-70,73-81

STATION

STATION NAME

YEARS

| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0 | MEAN | 28.983 | 28.957 | 28.802 | 28.791 | 28.735 | 28.791 | 28.821 | 28.823 | 28.825 | 28.890 | 28.951 | 28.957 | 28.862 |
| | S D | .194 | .192 | .178 | .154 | .127 | .097 | .063 | .071 | .100 | .148 | .185 | .194 | .172 |
| | TOTAL OBS | 250 | 239 | 279 | 262 | 221 | 217 | 226 | 229 | 186 | 202 | 240 | 248 | 2799 |
| | MEAN | 28.978 | 28.934 | 28.812 | 28.790 | 28.718 | 28.783 | 28.818 | 28.822 | 28.823 | 28.881 | 28.937 | 28.968 | 28.851 |
| | S D | .194 | .190 | .179 | .146 | .126 | .098 | .063 | .070 | .099 | .149 | .178 | .198 | .166 |
| | TOTAL OBS | 186 | 184 | 217 | 210 | 217 | 210 | 217 | 217 | 180 | 188 | 180 | 186 | 2392 |
| 5 | MEAN | 28.966 | 28.947 | 28.811 | 28.796 | 28.753 | 28.801 | 28.836 | 28.829 | 28.829 | 28.888 | 28.950 | 28.946 | 28.862 |
| | S D | .192 | .192 | .173 | .160 | .142 | .104 | .061 | .076 | .103 | .159 | .186 | .190 | .166 |
| | TOTAL OBS | 292 | 270 | 300 | 289 | 292 | 281 | 291 | 293 | 279 | 290 | 280 | 272 | 3429 |
| 10 | MEAN | 29.014 | 28.995 | 28.860 | 28.840 | 28.790 | 28.833 | 28.868 | 28.863 | 28.867 | 28.934 | 28.999 | 28.995 | 28.903 |
| | S D | .193 | .191 | .175 | .161 | .142 | .107 | .063 | .071 | .103 | .157 | .186 | .190 | .168 |
| | TOTAL OBS | 295 | 274 | 305 | 295 | 300 | 291 | 300 | 304 | 288 | 298 | 280 | 283 | 3513 |
| 15 | MEAN | 29.008 | 28.994 | 28.845 | 28.823 | 28.772 | 28.815 | 28.851 | 28.849 | 28.853 | 28.916 | 28.978 | 28.986 | 28.890 |
| | S D | .195 | .191 | .177 | .160 | .144 | .107 | .063 | .069 | .104 | .154 | .189 | .187 | .170 |
| | TOTAL OBS | 308 | 281 | 310 | 300 | 308 | 300 | 308 | 310 | 298 | 306 | 297 | 301 | 3627 |
| 20 | MEAN | 28.921 | 28.903 | 28.755 | 28.749 | 28.707 | 28.755 | 28.791 | 28.781 | 28.782 | 28.842 | 28.898 | 28.901 | 28.815 |
| | S D | .196 | .194 | .177 | .163 | .144 | .109 | .064 | .070 | .105 | .154 | .188 | .186 | .168 |
| | TOTAL OBS | 308 | 281 | 310 | 300 | 308 | 300 | 308 | 310 | 298 | 306 | 297 | 301 | 3627 |
| 25 | MEAN | 28.927 | 28.892 | 28.732 | 28.714 | 28.678 | 28.720 | 28.751 | 28.746 | 28.762 | 28.830 | 28.899 | 28.904 | 28.796 |
| | S D | .197 | .191 | .180 | .162 | .140 | .107 | .067 | .073 | .106 | .156 | .187 | .188 | .174 |
| | TOTAL OBS | 283 | 256 | 285 | 274 | 274 | 280 | 293 | 295 | 282 | 291 | 288 | 286 | 3387 |
| 30 | MEAN | 28.972 | 28.935 | 28.779 | 28.761 | 28.718 | 28.759 | 28.781 | 28.785 | 28.806 | 28.868 | 28.940 | 28.944 | 28.835 |
| | S D | .195 | .192 | .182 | .162 | .136 | .100 | .067 | .072 | .106 | .157 | .189 | .189 | .173 |
| | TOTAL OBS | 254 | 244 | 279 | 267 | 265 | 263 | 278 | 276 | 261 | 272 | 251 | 250 | 3160 |
| ALL HOURS | MEAN | 28.971 | 28.945 | 28.800 | 28.784 | 28.735 | 28.782 | 28.815 | 28.812 | 28.818 | 28.881 | 28.944 | 28.949 | 28.852 |
| | S D | .197 | .195 | .182 | .163 | .143 | .110 | .074 | .081 | .109 | .158 | .189 | .192 | .173 |
| | TOTAL OBS | 2176 | 2029 | 2285 | 2197 | 2185 | 2142 | 2221 | 2234 | 2072 | 2153 | 2113 | 2127 | 25934 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

722615 LAUGHLIN AFB TX

69-70,73-81

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|-----------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | |
| 0 | MEAN | 1021.0 | 1019.9 | 1014.0 | 1013.3 | 1011.1 | 1012.9 | 1013.8 | 1013.9 | 1014.1 | 1016.8 | 1019.4 | 1019.8 | 1015.9 | | | | | | | | | | | |
| | S D | 7.106 | 6.973 | 6.505 | 5.618 | 4.586 | 3.510 | 2.339 | 2.541 | 3.642 | 5.448 | 6.809 | 7.085 | 6.429 | | | | | | | | | | | |
| | TOTAL OBS | 250 | 239 | 279 | 262 | 221 | 217 | 226 | 229 | 186 | 202 | 240 | 248 | 2799 | | | | | | | | | | | |
| 7 | MEAN | 1020.8 | 1019.0 | 1014.3 | 1013.2 | 1010.5 | 1012.5 | 1013.7 | 1013.8 | 1014.0 | 1016.5 | 1018.9 | 1020.2 | 1015.4 | | | | | | | | | | | |
| | S D | 7.096 | 6.977 | 6.539 | 5.322 | 4.543 | 3.559 | 2.301 | 2.521 | 3.591 | 5.522 | 6.576 | 7.475 | 6.247 | | | | | | | | | | | |
| | TOTAL OBS | 186 | 184 | 217 | 210 | 216 | 210 | 217 | 217 | 180 | 188 | 180 | 186 | 2391 | | | | | | | | | | | |
| 10 | MEAN | 1020.4 | 1019.5 | 1014.3 | 1013.5 | 1011.7 | 1013.1 | 1014.3 | 1014.0 | 1014.2 | 1016.7 | 1019.4 | 1019.5 | 1015.8 | | | | | | | | | | | |
| | S D | 7.117 | 7.024 | 6.337 | 5.809 | 5.159 | 3.806 | 2.257 | 2.867 | 3.770 | 5.930 | 6.837 | 6.945 | 6.259 | | | | | | | | | | | |
| | TOTAL OBS | 292 | 270 | 300 | 289 | 292 | 280 | 291 | 293 | 279 | 290 | 280 | 272 | 3428 | | | | | | | | | | | |
| 10 | MEAN | 1022.1 | 1021.2 | 1016.1 | 1015.1 | 1013.0 | 1014.3 | 1015.5 | 1015.3 | 1015.6 | 1018.4 | 1021.1 | 1021.3 | 1017.3 | | | | | | | | | | | |
| | S D | 7.114 | 7.031 | 6.445 | 5.812 | 5.186 | 3.886 | 2.293 | 2.657 | 3.790 | 5.821 | 6.815 | 6.964 | 6.336 | | | | | | | | | | | |
| | TOTAL OBS | 295 | 274 | 305 | 295 | 300 | 291 | 299 | 303 | 288 | 298 | 280 | 282 | 3510 | | | | | | | | | | | |
| 12 | MEAN | 1021.8 | 1021.1 | 1015.5 | 1014.4 | 1012.3 | 1013.6 | 1014.9 | 1014.8 | 1015.1 | 1017.7 | 1020.3 | 1020.8 | 1016.8 | | | | | | | | | | | |
| | S D | 7.150 | 7.045 | 6.480 | 5.832 | 5.210 | 3.857 | 2.322 | 2.515 | 3.800 | 5.700 | 6.930 | 6.817 | 6.389 | | | | | | | | | | | |
| | TOTAL OBS | 308 | 281 | 310 | 299 | 308 | 299 | 308 | 310 | 298 | 306 | 297 | 301 | 3625 | | | | | | | | | | | |
| 12 | MEAN | 1018.7 | 1017.9 | 1012.3 | 1011.7 | 1010.0 | 1011.5 | 1012.7 | 1012.3 | 1012.5 | 1015.0 | 1017.4 | 1017.8 | 1014.4 | | | | | | | | | | | |
| | S D | 7.168 | 7.037 | 6.486 | 5.945 | 5.268 | 3.933 | 2.354 | 2.553 | 3.838 | 5.679 | 6.904 | 6.792 | 6.270 | | | | | | | | | | | |
| | TOTAL OBS | 307 | 281 | 309 | 300 | 308 | 299 | 307 | 310 | 297 | 306 | 297 | 301 | 3622 | | | | | | | | | | | |
| 12 | MEAN | 1019.0 | 1017.5 | 1011.5 | 1010.6 | 1009.0 | 1010.3 | 1011.3 | 1011.1 | 1011.8 | 1014.7 | 1017.6 | 1018.0 | 1013.5 | | | | | | | | | | | |
| | S D | 7.195 | 6.971 | 6.577 | 5.932 | 5.088 | 3.837 | 2.418 | 2.643 | 3.894 | 5.734 | 6.871 | 6.928 | 6.524 | | | | | | | | | | | |
| | TOTAL OBS | 283 | 256 | 285 | 274 | 274 | 280 | 293 | 295 | 281 | 291 | 288 | 286 | 3386 | | | | | | | | | | | |
| 1 | MEAN | 1020.6 | 1019.2 | 1013.2 | 1012.3 | 1010.5 | 1011.7 | 1012.4 | 1012.5 | 1013.4 | 1016.1 | 1019.1 | 1019.5 | 1014.9 | | | | | | | | | | | |
| | S D | 7.144 | 6.958 | 6.618 | 5.871 | 4.914 | 3.610 | 2.487 | 2.611 | 3.887 | 5.804 | 6.898 | 6.908 | 6.500 | | | | | | | | | | | |
| | TOTAL OBS | 254 | 243 | 279 | 267 | 265 | 263 | 278 | 276 | 261 | 271 | 251 | 250 | 3158 | | | | | | | | | | | |
| ALL HOURS | MEAN | 1020.5 | 1019.4 | 1013.9 | 1013.0 | 1011.0 | 1012.5 | 1013.6 | 1013.5 | 1013.8 | 1016.5 | 1019.1 | 1019.6 | 1015.5 | | | | | | | | | | | |
| | S D | 7.224 | 7.113 | 6.649 | 5.940 | 5.179 | 3.965 | 2.695 | 2.935 | 3.979 | 5.844 | 6.941 | 7.060 | 6.492 | | | | | | | | | | | |
| | TOTAL OBS | 2175 | 2028 | 2284 | 2196 | 2184 | 2139 | 2219 | 2233 | 2070 | 2152 | 2113 | 2126 | 25919 | | | | | | | | | | | |

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